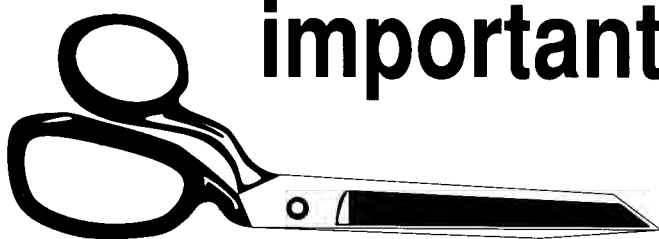


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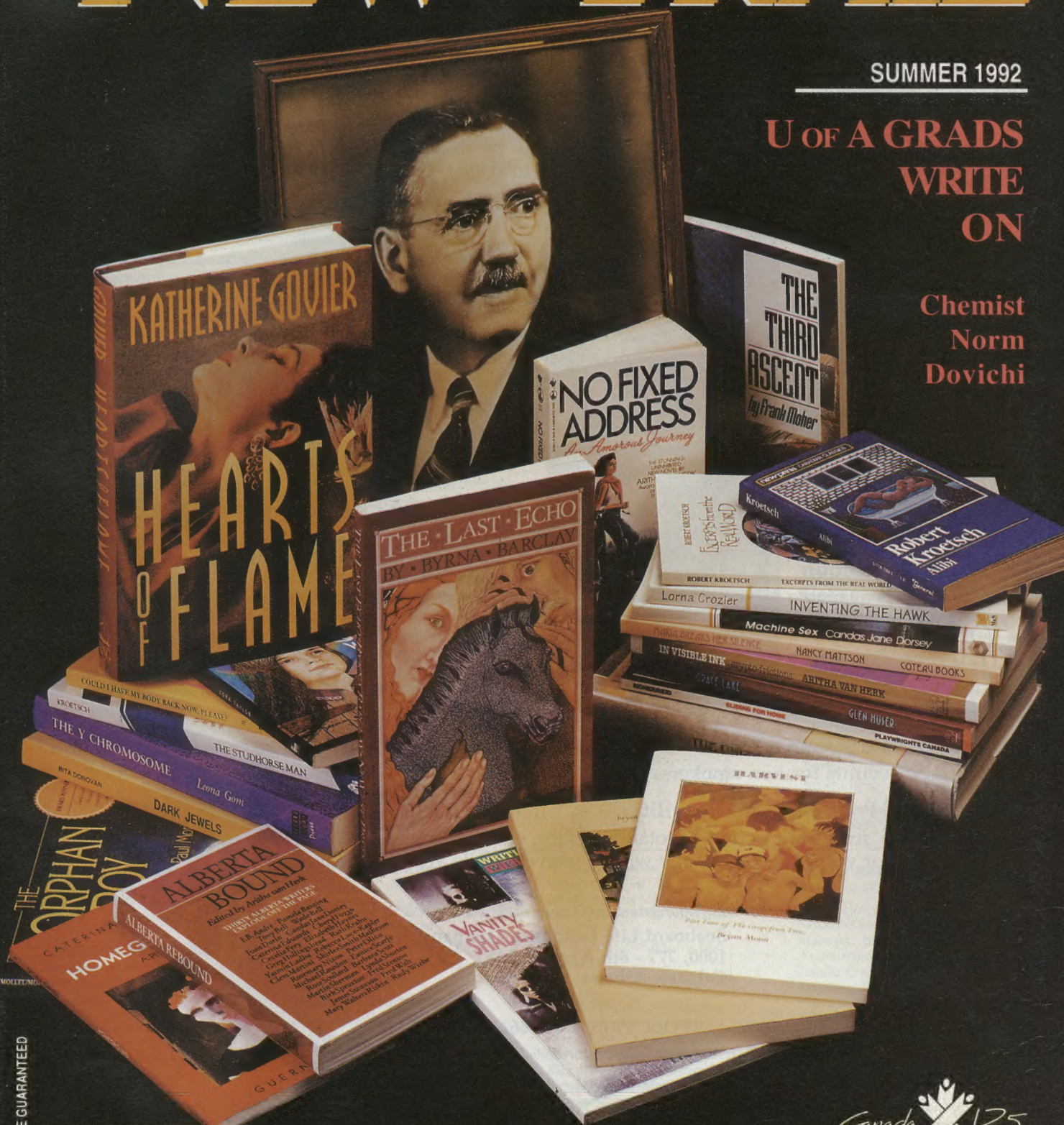
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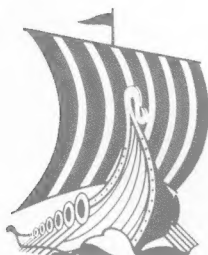
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NEW TRAIL

Time and time again, I am struck by the degree to which some of the University's truly outstanding faculty members have shaped this University — not necessarily by their administrative contributions but by the excellence of their teaching and research.

In preparing this issue, I have been reminded of the legacy left by Frederick Millet Salter, who taught in the Department of English.

Salter was an internationally respected authority on Shakespeare and medieval literature, but his truly outstanding influence was as an inspiring teacher of creative writing. A former Cape Breton coal miner, he came to the University as a lecturer in 1922 and, in 1939, taught the first actual writing course offered here.

One of Salter's best known students was one William Ormand Mitchell, author of *Who Has Seen the Wind* and the *Jake and the Kid* stories. When Mitchell accepted an honorary degree from the University in 1975, introduced to Convocation by another Salter student, novelist Rudy Wiebe, he acknowledged the invaluable help he had received from his mentor, who he said, knew of the value of the innocence of experience.

To put it in Mitchell's words: "Living is the balance between the living of one and the living of many."

Both Mitchell and Wiebe, who recently retired from teaching at

the University, became respected teachers of creative writing after leaving Salter's classroom, and now some of their students are helping another generation of Canadian writers to find their voice.

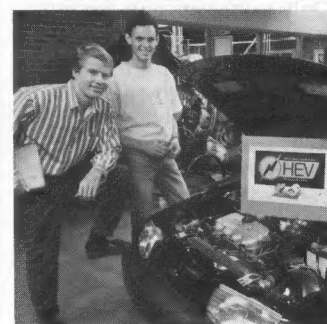
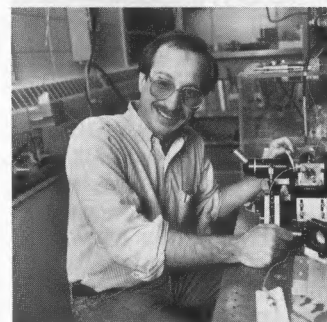
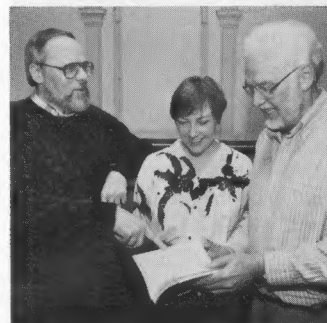
Salter, distinguished scholar of Shakespeare, inspired mentor of writers, chair of the English Department in the early '50s, has yet another place in the history of this University, one of particular interest to me: he was the first editor of *New Trail*.

When the *New Trail* was created in 1942 to branch out from where *The Trail* had left off, Salter's name appeared on the masthead as editor and remained there until October 1946.

There's another link with *New Trail* in our special report on writers who have graduated from this University. A name that comes up more than once is that of Bryan Moon, author of the Grapefruit Tree series of novels published by Oberon Press. In the late 1970's Bryan worked for the University's Publications Office and was a frequent contributor to the alumni magazine.

To Bryan and all others who helped make the special report possible — particularly, of course, the author of the feature story, Lynne Van Luven, who is the books editor for the *Edmonton Journal* — I extend my thanks.

Rick Pilger
Editor



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University of Alberta graduates have made a rich contribution to Canadian literature.

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Cover
The influence of the University's first teacher of creative writing, FM Salter, can be seen in the outstanding contributions made to Canadian literature by U of A alumni. His portrait is shown here highlighted by an array of books written by University graduates.

Photo by Lotus Studio. Books courtesy of Greenwood's Bookshoppe.



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University Named Diabetes Research Excellence Centre

In February the University of Alberta's long history of achievements in diabetes research was recognized with a funding award from a major granting agency, the Juvenile Diabetes Foundation International.

In announcing its grant of more than \$4 million to University of Alberta researchers, the Foundation named the University a Centre of Excellence in Diabetes Research. The University is one of only six centres so designated in North America, and word was that the interdisciplinary U of A team had ranked at the very top.

The U of A involvement in diabetes research goes back more than 70 years, back to at least 1921 when John Bertram Collip, who had been conducting research on glandular secretions and the making of tissue extracts, took leave from the University to work at the University of Toronto with Drs Charles Best, Frederick Banting and John Macleod. The group's work led to the purification of insulin and the beginning of insulin treatment for juvenile diabetes. On the basis of this accomplishment,

Banting and Macleod shared a Nobel Prize.

Often called the "forgotten man" in the discovery of insulin, Collip, who later in his career was head of McGill University's biochemistry department, developed the first-ever insulin extract that could be safely and effectively used on humans. "I only wish that the various papers which will be published on this work were coming from Alberta rather than Toronto," he wrote to Dr HM Tory, the first U of A president.

Collip shared the insulin patent with Banting and Best and his portion of the royalties from the new drug went to the U of A. (In 1925 the University received \$8,000, which went to the Biochemistry Department for research.)

There have been many milestones marked on the road of diabetes research at the U of A since Collip's time. Only two years ago, for instance, Drs Ray Rajotte, Garth Warnock and Norm Kneteman — all of whom are now part of the newly established Centre of Excellence team — began the transplantation of pancreatic islets in patients with insulin-dependent diabetes.

"Today is another milestone," declared Alex Rabinovitch as he traced the road

leading from Collip to the JDFI award, at the ceremony held to celebrate the award and creation of the U of A Centre of Excellence in Diabetes Research.

A professor of medicine and immunology and an Alberta Heritage Foundation for Medical Research scholar, Rabinovitch will direct the Centre and its team of nine interdisciplinary researchers.

That team hopes to answer questions about the causes, prevention and treatment of insulin-dependent diabetes. "We know that insulin-dependent diabetes occurs when the body's immune system mistakenly attacks its own insulin-producing islet B-cells located in the pancreas," explains Rabinovitch. "We call this an autoimmune disease; however we do not know why and how the body's immune system destroys the pancreatic islet insulin-producing B-cells. We must have answers to these questions before we can take the proper actions to prevent and cure diabetes."

Aided by rapid advances in biomedical research over the past decade, the researchers have new techniques to help them to find the answers. The tools they will use include molecular biology, genetic engineering and transplantation of the insulin producing islet B-cells.

They are taking a three-pronged approach. Rajotte, Warnock, Kneteman and Edmond Ryan, in the Departments of Surgery and Medicine, will accelerate their basic research, examining how to prepare, store and transplant insulin-producing islet B-cells. In the Departments of Immunology and Medicine, Drs Bhagirath Singh, Tim Mosmann, Larry Guilbert and Rabinovitch will conduct basic research on why and how the immune system attacks and destroys its own pancreatic islet B-cells, and how to stop it from doing this.

"These studies could tell us how to prevent insulin-dependent diabetes from occurring in the first place, or from

recurring after the islet B-cells are transplanted," says Dr Rabinovitch.

The third component of the team, Drs Chris Bleackley of the Department of Biochemistry and John Elliot of the Department of Medical Microbiology and Infectious Diseases, will add their expertise in the new sciences of molecular biology and molecular genetics.

The efforts of the U of A team will be augmented by work being conducted at the five other centres: McGill, Stanford University, the Albert Einstein College of Medicine (located in New York), the University of Chicago, and the University of Massachusetts.

New Award to Woodbridge

The first-ever AWArd of the Academic Women's Association at the University of Alberta has been presented to Linda Woodbridge.

On 16 April 1992 numerous friends and members of the AWA gathered at the University's Faculty Club to celebrate Dr Woodbridge's work on behalf of women at the University.

The AWArd was conceived as a way the AWA could celebrate the achievements of women at the University. It is to be awarded annually to a University of Alberta woman in recognition of her contributions to the betterment of women in the University community.

The initial recipient is a professor of English whose specialty is English Renaissance Literature. She has served as both chair and associate chair of the English Department. In addition, Dr Woodbridge has served on numerous committees of the department, sat as a member of the University Research Awards Committee, and served a term as an academic staff representative on the University's Board of Governors. Outside the University, she has been a member of the national selection committee



On Sunday 15 March, the U of A Golden Bears hockey team took advantage of the outstanding offensive performance (a hat trick) of Todd Goodwin and the stellar goaltending of Derek Shyunka to bring home a national championship. The Bears, who had on the previous day eliminated the defending champion Trois-Rivières Patriotes, defeated the Acadia Axemen to win their eighth national title — only the Toronto Varsity Blues, who have won 10, have won more.



U of A Photoservices

AWArd Winner Woodbridge

of the Social Sciences and Humanities Research Council.

A charter member of the AWA, she was its third president (1977-78) and she was co-chair of the University Day Care Committee during the time that the University Day Care Centre was conceived, financed and established.

The AWArd recipient stresses the importance of women's involvement in the University's administrative processes. Though these administrative choices can be "unpleasant and can damage our careers," the presence of women in important administrative positions changes the University in substantial ways, she says. "I feel strongly that we have to take our turn."

Wall of Fame Names Added

Clarence Campbell, '24 BA, '26 LLB, who served as president of the National Hockey League for 31 years, a term longer than that of any other executive in major league sport, was one of four recent inductees into the Sports Wall of Fame at the University.

Campbell got his grounding in sports and sports management in Edmonton. He was a running back for the Eskimos and eventually took ownership of the team. While still in his teens, he organized the original Edmonton and District Hockey Association. He also designed Renfrew Baseball Park (since renamed in honor of John Ducey). Named to the Hockey Hall of

Fame in 1966, he died in 1984.

Also honored at the Sports Wall of Fame Dinner on 19 March were Sylvia Grant (Callaway), '46 BED; Steve Mendryk, '53 BED; and Maury Van Vliet Jr, '61 BSc, '64LLB.

While at University, Grant played inter-university basketball and was on the first team to be called "Pandas," a team which went on to win the western university championship. After graduation, she was active in sports and sports administration in both Red Deer and Calgary and attained the presidency of the Alberta Branch of the Canadian Women's Golf Association.

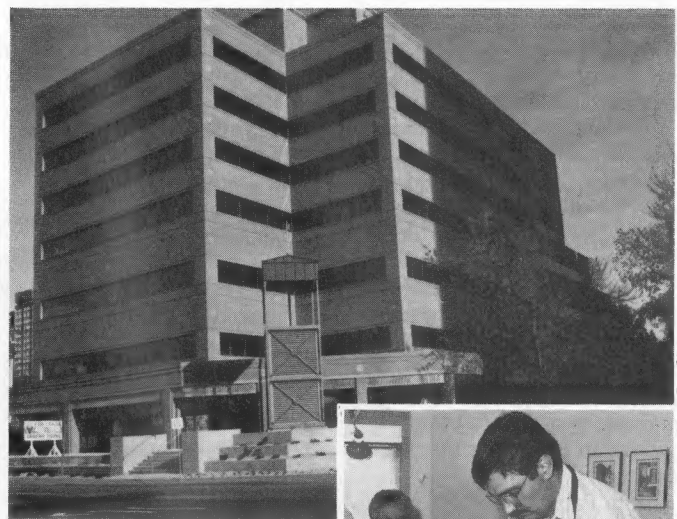
Mendryk, the captain of the Golden Bears basketball team in '52 and '53, later coached the team for five years. A member of the Edmonton Eskimos team that won three Grey Cups in the mid-1950s, he was a founding member of the Canadian Association of Sports Sciences and one of the first Canadians elected to fellowship in the American College of Sports Medicine.

Van Vliet enjoyed outstanding five-year careers in both Golden Bear basketball and football. He was a football conference all-star in all five seasons and a member of the 1963 squad that captured the first Canadian universities championship for Alberta. He also made his presence felt on the basketball court, leading the hoop Bears in scoring in 1960-61. A former director and vice-president of Basketball Canada, he was the head of the organizing committee for the 1991 World Junior Basketball Championships held at the University.

Extension Faculty Gets New Home

The University of Alberta Faculty of Extension has a new home as it begins its eighth decade of operation.

The seven-storey University Extension Centre at 83 Avenue and 112 Street recently became the new headquarters for the Faculty, which extends the resources of the University to more than 30,000 Albertans



Jim Shaw

each year through hundreds of daytime and weekend workshops, seminars, evening classes and other learning opportunities.

Planning for the University Extension Centre was initiated in 1989 when the Government of Alberta dedicated \$9.8 million to the relocation of the Faculty of Extension from Corbett Hall, and the University elected to purchase and develop land adjacent to campus for this purpose.

President Paul Davenport says the new Centre represents the commitment of the University and the Province to meeting the needs of the community. "The Extension Centre serves an important role in helping Albertans access the resources of the University," he says. "The needs of adults for career development programs and professional upgrading — and lifelong learning — have never been greater."

Dr Dennis Foth, dean of the Faculty, also notes that commitment to building the Centre has enabled the Faculty to design classrooms and other learning space with the needs of the mature student specifically in mind.

This is evident in all aspects of the building — from the furniture in the classrooms to the widened hallways and the provision of student lounge areas. The building also features underground parking, a new branch of the University bookstore, and a



Peter Mitchell

A display of printmaking techniques (above) was included in the open house celebrating the opening of the new Extension Centre (top).

New York-style deli.

The University Extension Centre includes 17 classrooms, which seat from 16 to 50 persons in various configurations. Although these rooms will be used during both day and evening, many of the Faculty's evening courses will continue to be held in buildings across campus. The new Centre also houses all of the Faculty's art studios and is equipped to transmit and receive educational programs at a distance via telecommunication technologies.

The Faculty celebrated its move to its new home in early May with official opening ceremonies and a weekend open house.

University Doctors Among the Best

Four medical doctors who practice at the University of Alberta Hospitals and are associated with the University are listed in the publication *The Best Doctors in America*.

To compile the publication its authors asked 3,850 American doctors to what doctor in

their own field of expertise they would send a friend or loved one if they could not handle the case themselves.

Among the "Best Doctors" are Michael Brooke, a U of A professor of medicine and director of the Muscle Disease Research Centre; Henry Pabst, professor of pediatrics; Carl Kjellstrand, a nephrology specialist in the Department of Medicine; and James Cuyler, an associate clinical professor and director of the residency training program in otolaryngology in the Department of Surgery.

Both Pabst ('62 MD) and Cuyler ('74 BMS, '76 MD) are U of A alumni.

Researchers Win Kaplan Awards

A biochemist with an honors degree in chemistry from the University of Alberta and an economist interested in statistics are the most recent winners of the J Gordin Kaplan Awards for Excellence in

Research at the University.

Brian Sykes, '65 BSc, is an acknowledged world authority on studies of muscle proteins. Prompted to take up biochemistry in the late 1960s when, for the first time, researchers were able to elucidate the structure of a protein, he left his teaching position at Harvard in 1975 to be part of the Medical Research Council Group in Protein Structure and Function established at the U of A at that time.

A specialist in nuclear magnetic resonance techniques, Sykes is now (with Drs Cyril Kay and Bob Hodges) an investigator for the Alberta node of the federal-government-sponsored Protein Engineering Networks of Centres of Excellence. The funding associated with that involvement made possible his recent purchase of a 600 MHz NMR spectrometer, currently the largest field strength instrument in any laboratory in Canada.

Dr Sykes's scientific contributions have been recognized by his receipt of the Ayerst Award of the Canadian Biochemical Society, the EWR Steacie Prize in Natural Sciences, both in 1982, and his 1985 election to fellowship in the Royal Society of Canada.

The other winner, Dr Alice Nakamura, has had a long interest in statistical methods for learning about human economic behavior.

With her husband Masao Nakamura — they are a husband and wife team in the Faculty of Business — she is the author of *The Second Paycheck*, which has been described by one of her academic colleagues, Mahmood Zaidi of the Curtis L Carlson School of Management at the University of Minnesota, as "a gold mine of empirical evidence on the dynamic labour supply behaviour of men and women. It is the most comprehensive study of this topic. In the future, no serious scholar can build formal

dynamic models of labour supply that neglect the empirical regularities presented in this book."

A particular focus of Nakamura's work has been the devising of statistical testing procedures and ways of identifying types of data that separate causal relationships from those that are merely circumstantial. This can mean discriminating between alternative plausible explanations — for example, one observer seeing a group of women earning, on average, less than a similar group of men may conclude that the women are less motivated; another observer may conclude that the women are suffering sex discrimination.

Drs Sykes and Nakamura received their Kaplan Awards at a 12 March ceremony held in the Bernard Snell Lecture Theatre on campus. As part of the ceremonies, each delivered a lecture in which they explained their Award-winning research.

Around and About

□ Dr JP Das, director of the Developmental Disabilities Centre at the U of A, recently visited Spain.

There he gave a full-day seminar on "Methods of diagnosis and remediation of mentally retarded children" at the University of Zaragoza and spent a day with a group of 20 researchers at the University of Malaga who are using the theory and method for educating intellectually handicapped children that he and his colleagues developed.

□ The University's dean of Engineering, Fred Otto, has been appointed to the board of the National Research Council of Canada.

□ Norbert Morgenstern, university professor of civil engineering, has been elected a foreign associate of the National Academy of Engineering of the United States of America in honor of his contributions to his profession.

□ By manipulating the diet of chickens, a University of Alberta scientist has come up with an egg with some special properties — not only can these eggs be eaten daily without their raising blood cholesterol levels, they are enriched with

Omega-3, a fatty acid that may help prevent the onset of heart disease. Animal scientist Jeong Sim developed the "designer egg" by adding flax and canola to the chicken's usual wheat- or soy-based feed.

□ *FOCUS on Abilities*, a publication of the University's Career and Placement Services office, has received the College Placement Council of the United States 1992 Award of Excellence, given in recognition of excellence in career planning and employment publications designed for students. The main target audience for *FOCUS on Abilities* has been the disabled university student seeking work.

□ The University's John W Scott Health Sciences Library has been awarded a three-year grant totaling \$140,000 by the Alberta Heritage Foundation for Medical Research. The special funding will be used to enhance the library's ability to retrieve medical information electronically, and to strengthen communication and resource sharing with the University of Calgary's medical library.

□ George Cohon, chairman, president and CEO of McDonald's restaurants of Canada, was on

campus in late March to receive the Faculty of Business's Canadian Business Leader Award, given annually to an outstanding individual who is "a model to business students through uncommon vision and sound common sense."

□ Digitech Information Services Ltd. of Calgary recently gave the University free access to its AXXSES data system and donated the software (valued at \$4,000) necessary to access the system. AXXSES provides a wealth of geological and geophysical data derived from information originating from about 230,000 oil and gas wells drilled in Western Canada.

□ The University lost two good friends recently with the passing of Donna Gunning and Dick Rice. Mrs Gunning, the wife of former University of Alberta president Harry Gunning, died on 5 March after a long struggle with cancer. Dr Rice, the founder of CFRN Radio and Television in Edmonton, had numerous ties with the University, going back to his involvement in establishing radio station CKUA. In 1969 he chaired the Edmonton division of the 3 Alberta Universities Campaign, which raised capital

funding for Alberta's universities.

□ The University's Centre for International Education and Development has received final approval for a project involving 10 Namibian teacher educators coming to the University to do higher degrees in education and U of A Education faculty travelling to Namibia to offer courses. The project is being financed by the Institutional Corporation and Development Services Division of CIDA to the extent of \$925,000.

□ The Faculty of Science has a new dean. He is Richard Peter, the Department of Zoology chair, who will accept his new assignment 1 July 1992. A University of Alberta faculty member since 1971, he was honored with election as a fellow of the Royal Society of Canada in 1985.

□ Ilona Kennedy, a University graduate who completed her degree last year, received the silver prize in the 5th International Biennial Print Exhibit in the Republic of China. The work which won the \$4,000 award — a photo etching entitled "Hands II" — will stay in Taiwan as part of the permanent collection.

An Amber Green and Gold

Their numbers are legion; their "word" is everywhere. They have written hundreds of poems, scores of novels, sheaves of short stories, stacks of children's books, reams of non-fiction, dozens of radio and television scripts, and rafts of plays. Over the past 40 years, they have won prestigious national writing prizes, including several Governor General's awards. They have engaged with all manner of ideas, both traditional and iconoclastic; they have imagined worlds ranging from a futuristic society where men are all but extinct to a rural community where a woman is impregnated by a swarm of bees.

There is no tidy acronym for them unless you will settle for WWOAUA (ISCOO) — Writers Who Once Attended the University of Alberta (In Some Capacity Or Other) — but their contributions to national literature are undeniable. They hail from Indian communities, prairie hamlets, farms, urban centres and other countries. They spring from diverse roots, including Metis, Ukrainian, Caribbean, Mennonite, African and Anglo-Saxon cultures. Many of them still live in Alberta, while others have scattered across the land, literally from coast to coast, to ply their trade. A few live abroad. Wherever they are, they are members of that wide-ranging Canadian writing community the late Margaret Laurence called "the tribe." These writers are a multifarious lot who, if you could manage to corral them all into one giant concourse, would likely cluster into disparate camps which would soon erupt into a joking, weeping, shouting, roiling mass of contrary opinions. Their work is not readily identifiable as reflecting a particular "school" of writing, but over the past 40 years, it has contributed to a larger entity clearly recognized as "Canadian literature."

Exactly how many of these writerly alumnae and alumni exist is problematic. No scroll is inscribed with names of all "Writers Educated at the University of Alberta." However, according to statistics from the Registrar's office, approximately 1,600 students enrolled in creative writing courses at the U of A from 1939 to 1992. Of course, not everyone who takes a creative writing course



Randy Fiedler

In the amber of their poetry and prose, Alberta alumni capture something of the transcendent experience of being human.

Above: Three of the better-known writers who have graduated from the University of Alberta exchange greetings. Rudy Wiebe (centre) had travelled south from Edmonton and Aritha van Herk had made her way north from Calgary to be in Red Deer, where they visited with Robert Kroetsch, who was reading from his work on 22 April 1992.

Moher, Bryan Moon, Scot Morison, Marie Moser, William Pasnak, Michael Penny, Darlene Quaife, Carol Redl, Monty Reid, Mary Walters Riskin, Helen Rosta, Eunice Scarfe, Neil Scotten, Allan Shute, Cora Taylor, Asong Linus Tongwo, Don Truckey, Aritha van Herk, Lyle Weis, Rudy Wiebe.

And here's another list, again, far from inclusive: Doris Anderson, Victoria Branden, John Chalmers, Joan Clark, the late Daniel Dancocks, Stan Dragland, Jacqueline Dumas, Marilyn Dumont, Floyd Favel, Susan Haley, Gwen Hauser, the late Jan Hudson, Robert Kroetsch, Tololwa Mollel, Kit Pearson, Bruce Allen Powe, Candace Savage, Don Sawatsky, Jan Truss, Alice Van Wart, the late Jon Whyte. Again, all are writers, all obtained part or all of their education at the U of A in fields as diverse as education, law, science, drama and history. For instance, Professor Emeritus John W Chalmers, 82, began his studies in Alberta in 1931, earned two degrees in education, and then went on to complete a master's degree in English in 1990. The editor of a number of anthologies and the author of historical and educational works, Chalmers recalls a youthful WO Mitchell completing undergraduate studies and an education degree at the U of A. "He went his way, and hoped the professor would go along his way too," Chalmers says of the Calgary storyteller best known for his

1947 novel *Who Has Seen the Wind* and his *Jake and the Kid* stories made continued on page 10

By Lynne Van Luven

In Their Own Words

As a tribute to all the University of Alberta graduates whose words have entertained us and provided a mirror in which we can see ourselves, New Trail has compiled a sampling of excerpts from the works of some of the writers who are part of the University's alumni family.

THIS LAND BELONGED TO ME. When I had it I never needed your flour and pork. Sometimes I was stiff with Indian agents who looked at me as if I was a child and knew less than a child. Before many of you were born I ran buffalo over this place where you have put this building, and white men ate the meat I gave them. I gave them my hand as a brother; I was free, and the smallest Person in my band was as free as I because the Master of Life had given us our place on the earth and that was enough for us. But you have taken our inheritance, and our strength. The land is torn up, black with fires, and empty. *You have done this.* And there is nothing left now but that you must help us.

The Temptations of Big Bear by Rudy Wiebe.

DANNY FOLLOWED THE FENCELINE on his way to school. The grass was stiff with frost and crunched under his feet. By the time he reached the road his canvas shoes were damp and cold. Deep ruts, gouged in the road during the last rain, were frozen now and he could feel their sharp edges through the thin soles of his shoes. The road led to town. Danny wondered how long it would take him to get there if he just kept walking, walking past the school, past the bell, past Miss Adams looking out of the window...

Magpie by Helen Rosta.

ALTHOUGH HE WAS NOT OLD, he walked with a cane and a limp, his hair was peppering itself into middle age (good thing this isn't a creative writing class or you would complain that characterization depends on more than grey hair and an ambiguous limp), and he was in the despicable habit of smoking smelly cigars. All of which she was willing to forgive for his eyes — yes, that old cliché, his eyes, which had the extraordinary intensity of periwinkle knives ...

In Visible Ink by Aritha van Herk.

MY FATHER TUCKED SOME BLADES of grass and twigs into his wallet. As he did, things stopped. The Old Ones breathed on us. The flies and grasshoppers were quiet. The light changed. My father's face tightened. I turned away, breathing silently and pretending not to notice. It was better that way. My father brushed his hand across his face. It could have been sweat.

The Gift by Marilyn Dumont.

MY GRANDMOTHER ELUDES ME. I've looked for her as I swept her auburn corners, as I dusted her varnished wood. I've peered at the hand which held the pan and moved the flannel cloth, sought the fine grain of her wrist, but I haven't found her. I've stood at the foot of her bed when I rose in the morning and studied the indent in the pillow, but it does not belong to her elegant white head. She isn't here. If she were, I'd take her bird bones against my chest and say that she worked well, that there was a reason for it after all.

Print Dresses by Mary Riskin

ONLY A CHRISTMAS CALENDAR told us your name:

Wong Toy, prop., Canada Cafe:
above the thin pad of months,
under the almost naked girl
in the white leather boots
who was never allowed to undress
in the rows of God-filled houses
which you were never
invited to enter.

Elegy for Wong Toy by Robert Kroetsch

LATELY SHE'D BEEN FEELING GUILTY for another reason. It wasn't just the war that made her real family different. Her Canadian family was *wealthy*. Norah had never known, before she came here, anyone who had an enormous house in the city, one just as big for the holidays, and a boathouse that would hold her own house in England. Or a private telephone and a refrigerator and a car, and new, store-bought clothes as soon as you outgrew your old ones.

Looking at the Moon by Kit Pearson.

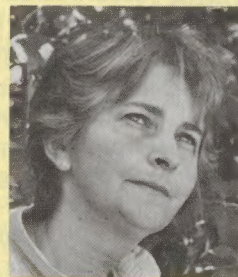
HE BUYS HOT GOODS in the bars and sells them for a profit. He cheated his son-in-law when he sold him a car. One time he came home with a rug he bought at an auction sale. When he unrolled it on the living-room linoleum, there was a hole in the middle, big enough to poke your head through. He rolled it up, tied it with a string and took it back, sold it to a Mennonite for twenty dollars more.

Facts About my Father by Lorna Crozier.

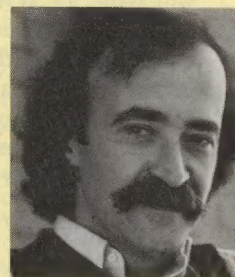
HIGH ABOVE THE PRAIRIE, platter-flat, the wind wings on bereft and wild its lonely song. It ridges drifts and licks their ripples off; it smoothenes crests, piles snow against the fences. The tinting green of Northern Lights slowly shades and fades against the prairie nights, dying here, imperceptibly reborn over there. Light glows each evening where the town lies; a hiving sound is there, with now and then some sound distinct and separate in the night: a shout, a woman's laugh. Clear—truant sounds.

Who Has Seen the Wind by WO Mitchell

GONE. AN INTENSE CYCLONE of activity swirling before our eyes one minute, gone the next. What happened? How is it that a man widely esteemed in the first quarter of this century as the great far-seeing prophet (along with Shaw) of the New Age should be disregarded today? Our immediate ancestors were not so simple as to be taken in by a charlatan. Test him for prophetic accuracy at any point, and he is nearly al-



Byrna Barclay



Bryan Moon

ways right. Read him as a social novelist, and he consistently entertains. His nightmarish fantasies have only slight traces of the Victorian world about them, clinging like wisps of smoke

H.G. Wells: His Turbulent Life & Times by Lovat Dickson

FRIDAY AFTERNOON I WOULD always walk back down towards the centre of town. Being what you could call a Renaissance Man, I was not content to be a Musician in the morning and a mere Suburban Adolescent in the afternoon. Accordingly, after putting my violin

away, I would become a Young Writer. Donning my tweed jacket with the frayed elbows (for some reason I felt frayed elbows to be a major proof of a young writer), I would go forth.

The Student Prince by Bryan Moon

WE WATCHED THE TELEVISION, little moaning sounds breaking from our throats as we saw another women's centre in — where? — London? — in flames, the crowd of men around it shouting, frenzied, the police seemingly incapable of control. Then the scene that made us both cry out in horror — a group of women caught on the street and the crazed mob falling on them, beating and kicking — the camera fell or was pushed away, or we covered our eyes, or turned off the set, I can't remember.

The Y Chromosome by Leona Gom.

THE LIGHT IS WHITE and clear and brilliant as I walk out among the orchard and find, fallen in the thick grass that has grown across the sand beneath the trees, a ripe red apple. I pick it up and take a bite. The fruit is slightly pink, veined with red, and the taste is strange and intense. It is the first apple I have ever held in my hand like this, have ever touched or tasted. To stand under our own trees with the breeze in my face and bite deeply into the fruit of our long

meant they're lucky,' said Alec. Ellen lay draped in green sheets, being stitched up by the doctor. She felt robbed, raped, aching, and empty. She told Alec it was just like being mugged, and they both began to laugh.

Sociology by Katherine Govier

EVERYTHING WAS COMPLETELY DIFFERENT for Anna. Over the weekend she began to become accustomed to feeling ordinary emotions again. On Saturday morning she woke up to a flood of jealousy, which she welcomed with bitter happiness. She wrestled with this all day, feeling each new pang like someone with a limb coming back to life after a tourniquet has been taken off. Throughout Saturday night and all of Sunday, she drank a very large quantity of liquor. The impossible part was over. He was no longer a positionless hole in space; he was on the same planet, functioning in a parallel form of life, eating breakfast in the morning, walking through the streets, playing with his children. She drank in the expectation of seeing him again.

A Nest of Singing Birds by Susan Haley

SUNLIGHT LIKE A BEACON; and down the pasture, through blue spruce and birch trees with moss growing on their north side; until only willows, branches reaching like arms out of snow-buried graves.

working at the rough bark with the sharp knife. He could do it right here in the cover of these old Palestinian trees, be gone in the car, and in six hours be safely aboard his flight to London. The authorities would still be down on their hands and knees combing a thirty-foot-square strung-off grid for clues. No one would ever know.

Noble Sanctuary by Scot Morison

SOME MEN LEAVE DREAMS behind them; my father lays trails in his wake and the many fingers of his life curl between trees and rocks that hold the hill behind our house.

His trails are neat and keep to their bounds though moss softens the knuckles of rocks he's fitted edge to edge and the sawdust and woodchips sink and darken in ribbon shadows.

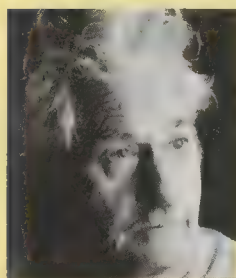
Trailmaker by Rhona McAdam

A STORY. THE HEAD OF THE HOUSEHOLD is already in Canada. He sends some money, the rest is gathered from the sale of tools and domestic articles — the family must pay for the immigration papers provided by the agent. There is enough for the passage and food and the twenty-five dollars to show the immigration officer in Quebec City. The mother is illiterate. In Lviv, where she goes to the agent's office to buy her ship-card, she discovers its price is coincidentally the same as the amount of money she has in her pocket. In Antwerp, she discovers there is a five-day wait for the ship and four nights' accommodation to pay. In Quebec City she has thirty-five cents to show, and no food for the train trip to Pincher Creek, Alberta.

All of Baba's Children by Myrna Kostash

IN THE SEDATE HOTEL, people were paired off in couples, like animals in the Ark. When she and Hilary first arrived in the dining room, they had noticed that, except for a noisy group in the corner — part of a movie crew — people ate at little tables two-by-two, almost in silence. As he bustled forward to meet them, the headwaiter's eyes took in two women and, instead of seating them over in a corner, he gave them a very good table in the centre of the room. At a table near by Julia noticed a man — slightly older than Howard, and alone — watching Hilary. Smart headwaiter, Julia thought.

Two Women by Doris Anderson



WO Mitchell



Leona Gom



Katherine Govier



Susan Haley

year's work—I came a long way to this.
Johnny Appleseed on the New World by Candas Jane Dorsey

IN THE HOSPITAL, ELLEN forgot all about her childbirth training and began screaming for an anaesthetic. The baby was two weeks late and labour was being induced with a drug. 'This baby must like you a lot,' said the doctor, turning up the dose again. 'He doesn't want to be born.' When he came, he wasn't breathing, so the nurse grabbed him and ran down the hall. 'My mother always said the cord around the neck

I found the Turtle River and followed its long winding curve, south, towards the flats and the bridge built by Bjorn and Arvid. My parents' initials were carved on the wooden railing, but I didn't stop, not thinking about where I was going or why, only taking the natural course of the river.

Summer of the Hungry Pup by Byrna Barclay

REALLY, WHEN YOU GOT DOWN to it, how hard could killing be? Geoff wanted to know as he stood behind the boy, this little Jewish boy whose pants refused to stay up on his hips, and watched him

famous on CBC Radio in the 1950s. Over the past 20 years or so, Mitchell also has won a name for himself as a writing teacher and is the originator of "Mitchell's Messy Method," which incorporates the "Freefall" writing process.

Winterburn, Alberta children's author Cora Taylor credits Mitchell with "helping me to find my voice," when she took his advanced creative writing course in the early 1970s. "I never really knew where I was coming from," recalls the award-winning writer, author of *Julie, The Doll* and *Julie's Secret*. "His Freefall method helped me to tap my own strong points. Before, I tended to write like the last writer I had been reading," says Taylor.

The first actual writing course offered at the University of Alberta was taught in 1939 by FM Salter, from 1950 to 1953 the third head of the university's English department. In his book *The Way of the Makers*, published in 1967 as "a new rationale on the art of writing," Salter sets out firm guidelines for both writers and teachers. "A teacher's job," he writes, "is not to pander to self-expression, which could make instruction but vanity indeed, but to aid students in self-creation. Every really wise teacher sees in what his students are, a stepping stone to what they might become; for the attainment of that becoming, no discipline is so helpful as that of writing."

Although Salter actually taught a composition course, "you could write anything you pleased," recalls his former student, Rudy Wiebe, who retired from teaching in 1990 after 23 years as a U of A professor. Raised in rural Saskatchewan and Alberta, Wiebe began writing while an undergraduate at the U of A, received an MA in creative writing in 1960, and returned as a faculty member in 1967 after studying abroad and teaching in the United States.

As the University of Alberta's first full-time creative writing teacher (Kristjana Gunnars is the second), Wiebe has influenced scores of students, and was himself strongly affected by Salter, a former Cape Breton miner (among many other things) who came to the U of A as a lecturer in 1922.

"When I arrived (in Salter's course, 1955-56), I thought I knew what poems and stories were, but having an affirmation by someone like him was vital.... He taught me how to listen for

patterns in language." Wiebe's own adventures in language encompass about 20 books, including *The Temptations of Big Bear*, which won a Governor General's Award in 1973. In 1989 he published *Playing Dead: A Contemplation Concerning the Arctic*, and his first children's book, *Chinook Christmas*, will appear later this year. When delivering the 1992 FM Salter Lectures on Language, Wiebe described his former mentor as a "vital influence," an inspiring teacher who possessed a "great mind" and was "a superb reader."

Novelist and poet Robert Kroetsch, born and raised in Heisler, Alberta and now an English professor at the University of Manitoba, recalls being a callow youth of 19, "just a boy from the farm," when he walked into a Salter class in 1947 and found it teeming with veterans of the Second World War. "I was totally intimidated by these older guys with all that exotic experience — one was a former fighter pilot! After one day in the class, I dropped out," he says, adding, "think how much better I'd have done if I'd stayed a week!"

Nevertheless, Kroetsch has "done" just fine: he completed his BA in 1948, went on to attend the University of Iowa (where he did manage to screw up his courage and take a creative writing course), has about two dozen publications (poetry, novels and literary criticism) to his name, and this fall is publishing a new novel, his eighth, entitled *The Puppeteer*. "I was the first person from my community to get a BA. Anyone actually being a writer was unheard of," he recalls. "It's very romantic to think you just grow up and become a writer," Kroetsch notes, adding that a creative writing teacher, "can't turn a student into a genius, but can teach him certain skills.... One of the sad things in being an editor is seeing how many people have a richness of experience, have the stories, but just don't know how to tell them."

Although the occasional critic (mostly from Eastern Canada, it must be admitted) has claimed that there exists a "U of A school" of writing, few former students agree. "I have heard that idea discussed," says Edmonton novelist Caterina Edwards, who completed a thesis in creative writing at the U of A, was a graduate student of Wiebe's and now pursues a career as both writer and teacher. "People claim Rudy Wiebe's

A Future to be Protected

The Writer-in-Residence Program in the University of Alberta's Department of English is the longest continuously-running program of its kind in Canada. Begun in 1975, it brings nationally and internationally recognized Canadian writers to campus for fall and winter-term residencies.

The program has two major goals: to provide all Alberta writers with access to the artistic and practical knowledge of well-known authors and to offer to the authors themselves a friendly, stimulating environment in which to pursue their writing projects.

Writers in residence at the University maintain regular office hours, during which they give advice and encouragement to aspiring writers both from campus and from the larger community. It is usual for writers in residence to meet with between 50 and 80 novice writers a year, many of the beginning writers returning for advice several times.

Writers in residence are also kept busy giving readings of their works on and off campus, making media appearances, visiting classrooms, judging writing competitions, and heightening the profile of the literary arts in Alberta.

The annual cost of the program, including salary and benefits, is currently about \$35,000. None of this comes from the University budget, and now that the granting agencies through which the program has been funded are being obliged by economic conditions to reduce their awards, the Writer-in-Residence Program is at grave risk, says English professor Rob Merrett, who serves as the Faculty of Arts' director of external relations and fund development.

To help support the program, a Writer-in-Residence Endowment Fund has been established. At present, however, the interest available from the fund is only \$1,700 per year. To boost the yield and save the program, members of the English Department and Arts faculty have themselves been increasing donations to the endowment fund, says Merrett.

Others interested in protecting the future of the Writer-in-Residence Program are invited send contributions to the Development Office, University of Alberta, Edmonton, Alberta T6G 2E8. Cheques should be made out to "The University of Alberta — Writer-in-Residence Fund." All gifts will be receipted for tax purposes and, in addition, will be gratefully acknowledged.

students tend to write alike, but I'm always surprised to hear that when writers as different as Katherine Govier and William Pasnak were in the same class I was." Wiebe himself scoffs at the idea, noting that when some of his former students began to win lucrative national awards for their writing, "people actually wondered if I got a percentage. It was as if they thought I had a share in a race horse, trained it and got some of the money."

Perhaps the best known of Wiebe's students in the 1970s was former Edberg resident Aritha van Herk, now a professor at the University of Calgary. In 1978, van Herk's novel *Judith* won first prize — and \$50,000 — in a first-novel competition, focusing national and international attention on the U of A. "Good lord, that was almost 20 years ago," notes van Herk, recalling her year as a creative writing student in 1973-74. Then a determined 19-year-old from Edberg, she saw university as a place to "read all the great books ever written," and viewed a creative writing course as just another challenge.

"No one is ever prepared for the kind of criticism levelled at their work, but it got me thinking seriously. Up to then, I'd been writing a lot of passionate poetry, the stuff most adolescents do." Van Herk also studied with Doug Barbour, who taught the poetry component of the creative writing course. "I started out thinking I'd get more out of the poetry section and ended up writing prose," she says. Van Herk is working on a fourth novel and in 1991 published *In Visible Ink*, a series of "cryptofictions," which she describes as "weird stuff I'm thinking about now."

Van Herk also doubts a U of A "school" of writing exists. "I think the people are wildly different— look at the work of Bryan Moon and Monty Reid, both of whom studied with me.

"What I learned from studying creative writing is that constructive criticism — 'this doesn't work, maybe if you tried that' — is most useful. And I struggle to do that with my own students."

U of A English professor Bert Almon has been teaching creative writing courses for poets since 1972 and finds it constantly rewarding because, "it's good to see people grow, and many have gone on to be quite successful." He recalls a course where "one out of three" students went on to publish books, and cites such emerging Edmonton writers as Beth Goobie, Sally Ito and Pauline Dube as proof that creative writing programs "offer the matrix and atmosphere" to help students develop their writing.

"We had good students," Wiebe notes of the halcyon 1970s, when there were four sections of creative writing classes,



U of A Archives

FREDERICK MILLET SALTER, F.R.S.C., was both teacher and scholar for more than forty years. He was Director of the Chaucer Laboratory (Chicago), an International Research Fellow at the Huntington Library, a Guggenheim Fellow, and a distinguished authority on Shakespeare and Mediaeval Literature. By many of his students, however, he will be remembered above all as an inspiring teacher of Creative Writing. In his classroom at The University of Alberta, and in his own home, hundreds of young men and women, many of whom have since become successful Canadian writers, learned the Craft of Writing, and almost unaware imbibed their teacher's enthusiasm for the music and meaning of words.

*The preceding is taken from the introduction to the book *The Way of the Makers*, published by the Friends of the University in 1967 as a memorial to Salter, who completed the manuscript prior to his death in 1962. The book is described as being a product "of the author's determination that no aspiring writer should fail for lack of encouragement and good, sound advice."*

some taught by such guest luminaries as Dorothy Livesay, Elizabeth Brewster and Margaret Atwood. And for such students, he notes, the instructor's key role is "affirming the kind of subject matter," helping students recognize "the world they need to write about.... Salter always said, 'you write about this because this is who you are.'"

Caterina Edwards says University of Alberta courses "taught me to be highly critical of my work. I'm never satisfied, and that's both a positive and negative." Her first novel, *The Lion's Mouth*, came out in 1982, followed by short stories in a variety of publications and, in 1990, a play, *Homeground*. This fall, NeWest Press of Edmonton will publish two of her novellas, *Becoming Emma* and *Whiter Shade of Pale*.

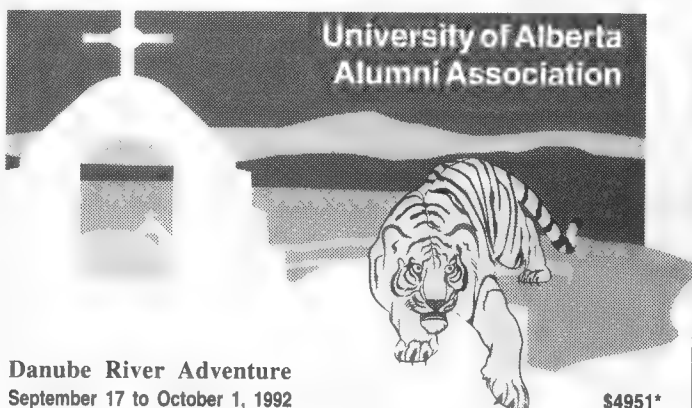
Edmontonian Marie Moser, whose 1987 novel *Counterpoint* was recently translated into French, started writing after achieving bachelor's degrees in both science and arts at the U of A, specializing in chemistry and history respectively. "I know people say you can't teach someone to write," admits Moser, "but I wouldn't have been aware of problems in my work if I hadn't had someone criticizing me every step of the way."

Moser, who studied with both the late Marian Engel and with Wiebe, thinks "it would have taken me longer to develop my own writing style," without writing courses. "When I'm asked to judge writing, I see that about 10 out of 200 entries have a real spark, but the writers have absolutely no idea how to go about developing their ideas." And Edmonton poet and playwright Norm Sacuta, who in the 1980s studied both English and playwrighting (with drama professor Ben Tarver) at the U of A, praises the kinship found in writing courses where he met "other people starting to write, some of whom I have kept a circle of friendship with over the years."

Saskatchewan-born poet Lorna Crozier, as of 1 July a professor in the creative writing department at the University of Victoria, says a writing instructor must "create an unthreatening atmosphere. And,

of course, you have to be very careful not to encourage students to write your kind of poetry, but to discover their own voice and style." Crozier, whose ninth book of poetry, *Inventing the Hawk*, was published in March, completed an MA in creative writing at the University of Alberta in 1980. "You can't teach creativity," Crozier notes. "What you can teach is craft." And in a writing workshop, a skilled instructor can lead students to "learn how to become better critics of their own work." In her own writing, Crozier strives for "poems as clear as a wonderful pool where you can see all the objects resting on the bottom."

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Tiger Tops Includes Thailand, Nepal and India October / 18 days

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For more information please contact Elke Christianson in the Office of Alumni Affairs at (403) 492 3224.

*Tentative prices shown are lowest available from Edmonton, based on a per-person, double-occupancy rate.

Poet, novelist and translator Kristjana Gunnars, the U of A's current full-time professor of creative writing, says that one of the primary roles of a writing instructor is to "undo anything that's gone before."

"You want to destroy perceptions that narrow the mind," says Gunnars. "Creativity is being open and sympathetic to the world. Part of a writing teacher's task is to get people to appreciate other readings, communities and personalities... sometimes a creative writing class seems like a centre of *unlearning*." She maintains that students in writing courses inevitably undergo "a lot of personal development" as they learn to "take criticism and use it constructively," to assess both their own and others' work. "Professors have done a poor job if students come out smug and arrogant," she adds.

Despite all modern psychology can tell us about the creative impulse, why particular students are compelled to study writing remains a mystery, even to writing practitioners themselves.

"In a way, (the pursuit of writing) is a brutal kind of life," says White Rock, B.C. writer Leona Gom, a former Peace River resident who obtained an education degree from the U of A and then went on to complete an MA in English, studying writing with the late poet Jon Whyte in 1987-88. "I advise students to persevere if they want to write, but not to put all their hopes and dreams into it. If you put everything into it, then your heart's sure to get broken." While it is possible for writers to earn a decent living in Canada today, Gom says young students often "don't know what the odds are, don't realize how hard they'll have to work."

Over the past 20 years, Gom has alternated teaching and writing, and has published five books of poetry and three novels, the last of which, a feminist/futuristic fantasy entitled *The Y Chromosome*, has sold very well. Right now, she's focusing full-time on her writing. "If I could choose not to do this, if I could have a normal occupation, I would. Writing is a crazy-making thing in a way... but most of us feel driven to continue."

In addition to creative writing courses, the U of A's Writer-in-Residence-Program, begun in 1975, has brought talented writers to Edmonton to interact with both students and members of the public. The list of 18 writers of poetry and prose who have filled the position reads like a compressed *Who's Who in Can Lit*: Matt Cohen, Gary Geddes, Marian Engel, Tom Wayman, Maria Campbell, Phyllis Webb, Patrick Lane, Elizabeth Smart, Samuel Selvon, Monica Hughes, Daphne Marlatt, Ray Smith, Leona Gom, Fred Wah, Kristjana Gunnars, David Adams Richards, Sandra Birdsell and Merna Summers. Their presence at the U of A has afforded prospective writers the chance to consult with and learn from different critical perspectives each year.

Perhaps the dream of capturing in the amber of language a certain "transcendent" moment keeps every writer — whether neophyte or accomplished — going. Aritha van Herk recalls one early spring morning when, as a first-year student, she first comprehended literature's power. "I lived in this really cheap room near the High Level Bridge. I'd just finished reading Kroetsch's *The Studhorse Man*, and I got up and looked out the window, and there it was right in front of me — the place where Hazard Lepage had run his horses. And I realized that I could write about a place I could look at. It sounds corny now, but I wept to realize that."

Living the Life That's After

BY BARBARA WELLS, '76 BMus, '78 BEd

"Yes, Barbara, there is life after Concert Choir."

Dr. Larry Cook once said that to me on a bus in the middle of the night, returning from a choir tour to Vancouver Island. I had had two glorious years singing and helping with rehearsals, (even conducting my own piece!) and it would all be over when I graduated. I didn't think I could survive the loss.

He suggested I might sing with the Richard Eaton Singers, an adult community choir affiliated with the Department of Music. I didn't think I could survive the polyester togas they wore as concert dress in those days. Besides, some of them had grey hair.

Our next tour was to Germany and Austria. When it was over, my husband and I said goodbye (forever) to Larry Cook in Frankfurt, and toured Europe for six months, a young (forever) couple on a BMW motorcycle. That trip helped to reshape my life, especially as my memento from St. Tropez developed under the maternity clothes.

Well, I used to think that having a baby meant that you have to settle down (sell your motorcycle) and be responsible (stay at home and look after your baby).

Then Larry called me.

"I want to form a chamber choir within the Richard Eaton Singers and I want you to be in the choir." I was shocked when he said he'd let me join without an audition.

I couldn't say no. So much for staying at home. Because of RES and a baby that wouldn't take a bottle, my husband walked and rocked and watched out the window for my return: he, worn out; I, exhilarated from the wonderful challenges of singing music of this calibre. Twice a week.

Our second daughter's exposure to oratorio was a pre-natal experience. The "Dies Irae" of Verdi's Requi-



The author (far right in photo) is a music specialist with the County of Strathcona and the organizer of the Richard Eaton S(w)ingers, who bring choral music to seniors' lodges, nursing homes and hospitals.

em makes a lot of noise, and I think she had her own choreography perfected by the time we performed with the Edmonton Symphony Orchestra.

My daughters have lived their whole lives with Tuesday night being "Mummy's night for Richard Eaton Sinners".

Hopefully the list of our sins is shorter than that of our successes, but one of the most memorable, the wear-a-paper-bag-over-your-head kind of situation, occurred during my first and probably last experience as a sort of conductor's relay-the-cue assistant. A dozen or so RES women were present backstage at the Jubilee Auditorium to sing the "ethereal" bit in Holst's "Planets"; the cue was to come from Maestro Pierre Hetu, and I would in turn cue the chorus, who were to remain hidden behind the curtain (with good reason, as it turned out.) On the first night, the cue never came, so some of us sang at some point where we thought we should, and the others figured we should just forget it and go home because no one would notice anyway. It was either hilarious or devastating, depending on your sense of humor. The next night, taking my leadership responsibilities very seriously, I presented myself to the Maestro before the concert and boldly asked for a better cue. He apologized and said he'd been having trouble knowing

where in the music the celesta player was.

Since Dr. Leonard Ratzlaff took charge of us in 1981, our soprano section especially has changed. We have had to stamp out all knitting activities and control our vibrato. The results have been worth the deprivation.

Some of us with the busiest lives get together for extra rehearsals and concerts at nursing homes and hospitals. I conduct this growing bunch of choral aficionados, and it is becoming increasingly difficult to maintain our professional decorum while we are having such a good time.

I'm tall, so I always stand in the back row. We're all tall back there. Sometimes we misbehave, but not as much as people in other rows, I'm sure. I have a list of important tall people in my life, all of whom I met in the back row of the RES. One of them was the first person outside my family to know that my marriage had ended. One of them, who has been a constant source of support and encouragement, recommended me for a job position which I still hold. One of them became one of my closest friends, and we drive together now every Tuesday and sort out our lives. Every week we sigh and say we are crazy to keep doing this, what with our jobs, kids, etc. One of them winked at me once, just before a Messiah perfor-

mance. He has grey hair. We're married now.

My daughters are choral singers too. When I talk about the frustration with the slowness of learning new music, when they see the exhaustion of working full-time and then committing five consecutive evenings at concert time for rehearsals and performances, they know why I do it.

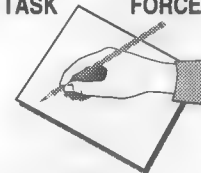
We Singers struggle to get meals ready for our families and find babysitters for our children while we rush off to 6:30 call times on stage; when we are sick and should be at home in bed we go to rehearsal so we won't miss the score markings and special instructions; we neglect our spouses sometimes, and we hope they understand why we do it.

We do it because there is a spiritual power generated by lifting up our voices, the instruments of our souls. We do it because we are re-creating a performance of something so achingly beautiful that sometimes it is almost impossible to sing. We do it because our conductor has poured his own soul into this preparation, and inspires the same in us. We do it because our hearts would break if we couldn't sing together, and now what I wonder is

Is there life after Richard Eaton Singers?

The Richard Eaton Singers are holding a 40th Anniversary celebration in Edmonton, 26-27 June. For information contact Cathy Breckenridge, 475-0450.

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The Night When Lightning Struck

By GERALD HANKINS, '51 MD

The following is an excerpt from Dr. Helen Huston of Nepal, to be published in June by Windflower Publications, Winnipeg.

A 1951 graduate in Medicine from the University of Alberta, Helen Huston sailed for Asia in 1953 working for six years as a missionary doctor in India before going to Nepal where she has served ever since.

Her crowning achievement is the founding of a hospital in the remote hills of Nepal, seven hours walk from any road. In recognition of her service, the Nepal Medical Association awarded her an Honorary Life Membership in 1981.

The University of Alberta presented her with an Honorary Doctor of Laws degree at the November 1985 Convocation.

More recently, the Sir Edmund Hillary (of Mt. Everest fame) Foundation flew Helen back to Canada to present her with its first Award for Humanitarian Service at a gala event on November 21, 1992 in Toronto.

The author, also a 1951 medical graduate from the U of A, spent 12 years working in Nepal with the same Mission. With his knowledge of Nepal, Third World medicine, friendship with Helen Huston and experience in writing, he seemed qualified to write the life story of this outstanding, pioneering Canadian missionary doctor.

The scene described took place in 1964 in the primitive mud-and-stone, wooden-beamed dispensary building near Amp Pipal village in the hills of Nepal. Here, using the simplest facilities, the small Mission team struggled to meet the needs for health care of hundreds of thousands of village people until Amp Pipal hospital opened in 1969.

It was one of those bizarre "dry season" storms. Unleashed upon the Amp Pipal ridge, the most violent elements of nature struck

that night with a vengeance.

A gale howled through the trees and threatened to whisk off every thatched roof in the village. White-hot forks and sheets of lightning threw the swirling heavens into convulsions. The ear-splitting roar threatened to tear the sky open and to shake loose anything resting on the face of the earth. Down the rough, rocky "street" through Amp Pipal village rivulets of murky water surged and cascaded, fed by the driving rain.

On the upper floor of the dispensary in an area grandly designated as "Operating Room", an operation was going on, storm or no storm.

Nurse Becky Grimsrud was circulating. Val Collett, a slender nurse from England, had put the patient to sleep with open drop ether, and with ether fumes filling the room, was beginning to feel somewhat anesthetised herself.

She shouted over the din of the storm to the surgeon:

"Helen, he's asleep now. What are going to do first — the broken arm or the jaw?"

Helen paused briefly, trying to visualize in her mind the picture an x-ray might show of these fractures.

"Maybe I'll try to reduce the fractured humerus (upper arm) first and put it in plaster. The toughest job will be wiring the broken jaw," she said.

It certainly would be a tough job. But at least the patient was a fit, young and

healthy male — a contrast to the usually emaciated, sickly patients on whom she worked. Had he been otherwise, he would not have survived falling from a cliff. If he was going to be a useful member of the community, able to care for himself and his family, both fractures would need to be properly treated.

The three girls worked away in what you might call sub-optimal conditions. But there was one recent innovation that gave them a new lease on life: they didn't have to work in semi-darkness any more. The dispensary could now boast of one electric light bulb!

Herman Simrose, the agricultural worker from Moose Jaw, had obtained a small generator for his work-area and was able to run a line from it to the dispensary. It was sheer luxury.

"How grateful I am to Herman. I'm amazed that you girls got along for five years with only a kerosene lamp," said Helen.

"The lamp really wasn't so bad," answered Val, "but during operations we always felt a bit twitchy, knowing the risk of an ether explosion."

The broken humerus having been attended to, Helen turned towards the patient's face where the fragments of broken lower jaw were sticking up into his mouth.

"Val, here's where any

treatment is better than nothing. You see, I can straighten his jaw alright but I'll have to wire his teeth together to hold it straight. Can you get him deep enough so you can take the mask off and allow me to work?"

Val poured on more ether, allowing Helen to get at the fiddly job of inter-dental wiring. She worked away and had almost finished when a bomb-blast of thunder ripped the night apart — and left them in darkness.

Suddenly through the window a red glow of something moving towards them caught her eye; a fireball of electricity was sizzling along Herman's line to the dispensary.

In the inky blackness Becky felt her way downstairs in search of a flashlight or candle. Halfway down she smelled smoke and stopped.

A short distance away in a corner she spotted the ruddy glow of a smouldering broom, ready to burst into flames. The lightning-charged fireball had ignited the broom lying against the electric wire.

Becky doused the charred broom in a pail of water, located a flashlight and returned quietly upstairs where the operating team was sitting in pitch darkness. She told the others what she had found.

"If you hadn't gone downstairs to get a light, my dear, the whole building would probably be in flames now," said Val.

In the darkness they took time to give thanks to the Lord, who once again had protected them from danger.

During it all the patient slept soundly, thanks to old-fashioned reliable ether. With the help of flashlight, Helen inserted the last few wires between his teeth, and then wired both jaws together, thus securing the broken fragments.

A few weeks later the wires were removed and the patient was soon eating his daily rice meals again!

For more than 30 years, Helen Huston has been close to the mountains of Nepal.



Five hundred years ago, the man whom we in the English-speaking world call Christopher Columbus (although there is no record that he ever referred to himself by that name — Ferdinand and Isabella of Spain knew him as Cristóbal Colón) set foot on the soil of the New World. It was to be the signal event of an age of discovery. From the harbors of Europe, ships set sail for unknown lands on voyages that would eventually lead to the mapping of the shorelines of an entire planet.

Five centuries after Columbus, later-day explorers are involved in an enterprise of discovery every bit as intimidating in scope as the explorations of that earlier age. In laboratories around the world, men and women are at work mapping the structure of the human genome — laboriously determining the location and composition of the genes that prescribe every physical aspect of the human animal.

At the University of Alberta, chemist Norm Dovichi is part of this quest. And while most of his fellow explorers are — metaphorically speaking — sailing aboard wind-driven brigantines, Dovichi is travelling by jet thanks to technology being perfected in his own lab.

Even to one who recognizes that scientists fit no stereotype, Dovichi doesn't quite fit the mould. In some ways (eyeglasses aside) it would not be hard to picture him as a sea-faring explorer of that earlier age. He has the physique for it, trim and athletic, but the same sprightly humor and relaxed approach to life that set him apart from many of his scientific colleagues, mar this image, as well. An explorer in search of new worlds should take himself more seriously, shouldn't he?

Dovichi, whose office door on the fourth floor of the west wing of the Chemistry Centre boasts above it a large flying cornucopia, admits that he enjoys what he is doing. "From the time I started university I knew exactly where I was going. I knew I wanted to be where I am today. I very quickly figured out I wanted to be a faculty member and I also knew I wanted to be a chemist — the rest is sort of gravy."

Dovichi not only takes pleasure in his work, he is extremely good at it. Only 38 years old, he is a full professor in the chemistry department recently rated the best in Canada by the Philadelphia-based Institute for Scientific Information. He heads a research group that currently comprises 11 graduate students, three postdoctoral fellows and assorted undergraduate students and is growing rapidly as a result of the research funding that is coming his way — some \$1.6 million to date, including a recent \$375,000 grant from the Human Genome Initiative in the U.S.

The recognition accorded Dovichi by his peers includes the WAE McBryde Medal. Be-

An Enterprise of Discovery



stowed upon him last year by the Chemical Society of Canada, this award recognizes outstanding achievement in pure or applied analytical chemistry by a young scientist.

More honors have already come his way in 1992. From the Chemical Society of Canada came the Noranda Lecture Award. From the Natural Sciences and Engineering Research Council came unprecedented recognition for an Alberta scientist: Dovichi became the first U of A researcher to collect both a Steacie Fellowship and the Steacie Prize in the same year.

The Steacie Awards, named in honor of Edgar William Richard Steacie, president of Canada's National Research Council from 1952 to 1962, are presented annually by NSERC. Each year four Steacie fellowships are awarded to the best and most promising of Canada's younger scientists — researchers who are establishing national and international reputations for original work in their respective fields. The fellowships cover the salary and benefits of the recipient for up to two years, freeing them from teaching and administrative duties to allow full attention to their research.

Norm Dovichi is finding faster ways to sequence the blueprints of life.

By Rick Pilger

Above: The chemist with a memento of his undergraduate days in De Kalb, Illinois.

The Steacie Prize is generally regarded as Canada's highest honor for young scientists and engineers and carries with it a cheque for \$7,500. In honoring Dovichi, NSERC noted his development of "new, extremely sensitive methods to separate minute quantities of biological compounds such as amino acids."

There are, it is estimated, about 4,000 diseases known to be inherited — their occurrence directly tied to the information contained in the twisted strands of DNA which make each individual unique. Little wonder then the scientific interest in completing a map detailing the composition of human DNA, even though it is an undertaking of awesome proportions.

Consider the complexity. Each cell of the human body contains a nucleus with 23 pairs of chromosomes. These are threadlike packets of compressed and entwined DNA, the genetic material containing the blueprint necessary for reproduction of the cell through to future generations. The blueprint — the genetic code — is created on each strand of DNA by a particular sequence of bases (which are also called nucleotide units). A series of these bases with sufficient information to be capable of determining an inherited characteristic is considered a gene. There may be as many as 100,000 to 300,000 genes — nobody really knows for sure — in the 23 pairs of chromosomes each of us has. Altogether, the human genome consists of something like three billion pairs of DNA bases — that's about as many bases in our individual DNA as there are currently people on the earth.

It is a gargantuan task, but a complete accounting of all these bases would prove of immense value for such things as the artificial duplication of genes, and the identification, prediction and elimination of genetic diseases. To date, the base sequences for only about 500 human genes or parts of genes have been determined. Another thousand or so human genes, although not yet sequenced, have been mapped to their respective chromosomes.

Obviously there is a long way yet to go, and in the United States an organized approach to the elucidation of every chemical base in all the DNA that makes up human genetic material is being instituted. This is the Human Genome Initiative, which recently ranked Dovichi's submission at the very top of 100 proposals it evaluated for funding. The support given to his group — \$375,000 over three years to further develop his sequencing technology — was only the second grant awarded by the Initiative to a group outside the U.S.

Being at the top is not an uncommon position for Dovichi and his research team. In 1990 *Science* magazine listed nine "Hot Tools" for biological science; in three of these (micro-

protein sequencing, capillary electrophoresis, and laser-based detection) Dovichi's U of A group leads the world.

Looking back on his remarkable success, Dovichi says that vigilance and serendipity have contributed immeasurably. "You have a vague idea of what you want to do, but you always find something unexpected along the way," he says. He also points to personnel as being an important factor: "Someone calls and says 'I can do such and such' and you say 'Great, come in and we'll see what happens.'" The research into DNA sequencing really got going, he says, because of a postdoctoral fellow from the University of Utah.

Utah was where Dovichi did his own graduate work. The choice, as he tells it, was not exactly a considered one — "They were the school that had the prettiest picture on their recruitment brochure," he quips — but it proved fortunate, nonetheless. "I had a wonderful graduate career there. I was my mentor's first student and got to help set up the laboratory and to see how to set up a research group."

Fate, or something very much like it, seems to have been prepared to step in at several important junctures in the life of the researcher, who shares with Columbus not only a penchant for discovery but an Italian ancestry. Dovichi's forbearers came to America in the late 19th century from the Italian heartland of Tuscany, the home of Chianti wine. (The terminal 'chi' letter combination in his name has the same *k* pronunciation as the first three letters in the name of the wine.)

The future U of A professor was born in "a small city at the south end of Lake Michigan — called Chicago." There he grew up and, following his high school graduation in 1972, went to work for a machine shop while he considered his future. As late as August of that summer, he remained uncertain as to his career plans. His family was of modest means and the only university to which he had applied, Marquette in Milwaukee, proved out of reach financially, and the paycheck he was receiving from the machine shop seemed awfully attractive. On the other hand, 1972 was the last year of the draft

As he teetered between remaining a wage-earner and continuing his education, Fate gave a gentle nudge toward Northern Illinois University, where a number of his friends were headed. Located in De Kalb, Illinois (the home of DeKalb Hybrid Seeds and its flying corn cob) Northern Illinois was "the least expensive place to go to school that wasn't in Chicago," Dovichi recalls. He never looked back, earning the College of Arts and Sciences' Dean's Award and university honors when he received his

Below: A computer-generated image of a short section of DNA shows the characteristic double helix. The paired orange balls on the inside of the spiral correspond to the nucleotide bases from which the genetic code is read. In research laboratories all over the world, scientists are working to determine the complete sequence of

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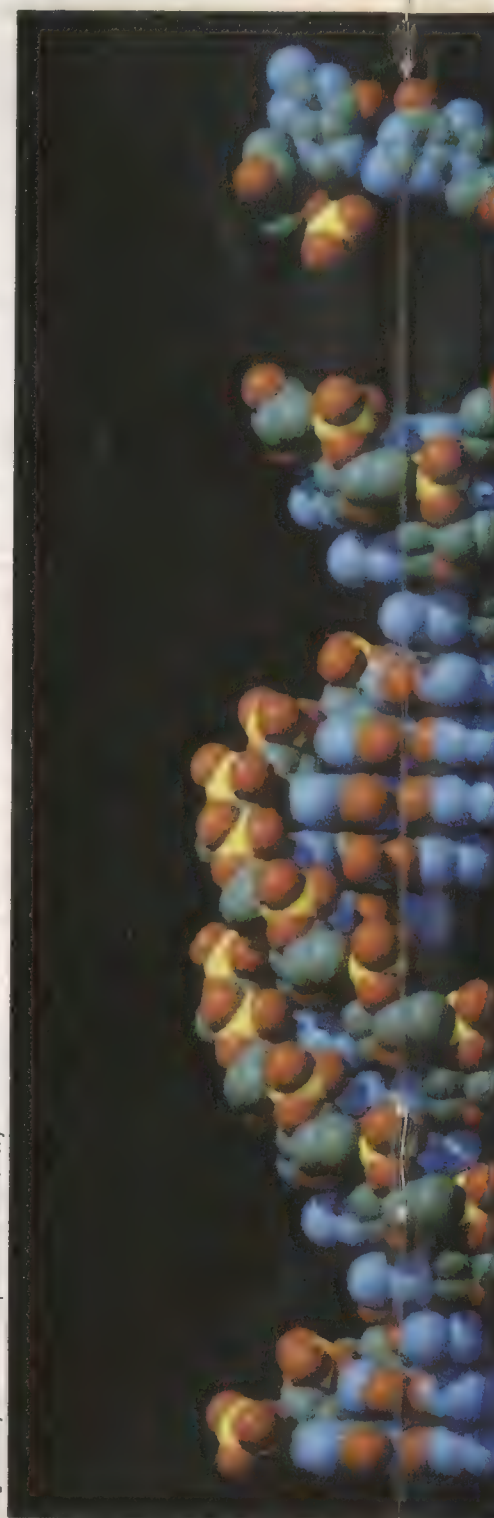


Image courtesy of the U of A Department of Biochemistry

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the bases which characterize the human genome. This is an intimidating task for there may be as many as three billion pairs. At the University of Alberta, a research team led by Norm Dovichi is now perfecting a sequencing technology described as being "orders of magnitude" faster than the traditional method.



undergraduate degree in 1976.

Fate would take a hand in Dovichi's career again when, following his graduation from Utah, he accepted an appointment as a post-doctoral fellow at Los Alamos National Laboratory in New Mexico. "I went to work for a laser-jock," recalls Dovichi, who had gained considerable experience with lasers at graduate school. "At that time his lab required security clearance just because they were really hurting for space and the space available happened to be in a secure building."

Arriving at Los Alamos a couple of weeks before processing of his security clearance was complete, Dovichi spent some time with the biophysics group located in the local hospital. There, researchers were studying individual cells and the young post-doc became interested in finding out how small an amount of material could be detected. From that curiosity has evolved the world's most sensitive fluorescence detector, which is integral to the DNA sequencing work Dovichi is now doing.

The detection of sub-microscopic quantities of materials typically involves marking them in some way, often with radioactivity. An alternative approach is to use fluorescent dye — any one of a number of dyes commonly found in such products as fluorescent "highlighter" pens — to mark the material so that it will absorb light of one wave length (when the wave length is in the visible spectrum this will be a color) and in its place emit light of another wave length (color).

At the time Dovichi was awaiting his security clearance at Los Alamos, the most sensitive fluorescence detectors were capable of measuring "attomoles" of material (one attomole contains 600,000 molecules) The detector that Dovichi has developed for use in his University of Alberta lab measures well into the sub-attomole range, quantities so small that it is only in the past year that they have been given an official name — scientists now talk about quantities in the "zeptomole" range.

Dovichi refers to his Los Alamos experience as "the most important step in my career. I was able to spend half my time learning totally new things, especially in biophysics, and it was the first time I did collaborative work."

From Los Alamos the chemist went to the University of Wyoming, where he began to attract the attention of the wider analytical chemistry community. By 1986 many in the U of A's chemistry department had noticed the good work he was doing, and when a position for an analytical chemist came open in their department a letter describing the position was dispatched to Dovichi.

"Their timing couldn't have been better," recalls the chemist. While he had had produc-

tive years at Wyoming, he felt constrained by department politics there and believed he could be doing better things elsewhere. The letter from Alberta arrived on his desk at a particularly opportune time — he had just had a confrontation with his department head — and he lost no time packing his degrees, texts, notes, papers and skis and heading for Edmonton.

"The reason I came here was the strength of the analytical program that was started by Walter Harris," says Dovichi, who praises as well the contributions of colleagues such as Gary Horlick, Fred Cantwell, Liang Li, Jed Harrison, Ron Kratochvil, and Paul Kebarle.

Ron Kratochvil, who was on the committee that hired Dovichi and is now the chair of the Chemistry Department, certainly hasn't had any second thoughts about inviting Dovichi to Edmonton. He says that his younger colleague has been "a delight to work with." He adds that not only is Dovichi's research truly at the state of the art, but his enthusiasm is infectious and he has contributed significantly to department administration and to teaching. "He's exactly the kind of faculty member a department likes to have," says Kratochvil.

The department chair makes particular reference to the Steacie Prize winner's breadth of expertise: "Not only is he able to understand biochemistry, he has a sound fundamental knowledge of both physics and chemistry. This is unusual in many ways, and it is this background that has allowed him to devise his extraordinary techniques."

Gene sequencing — the determination of the order of bases of the DNA molecule making up a gene — involves what Dovichi describes as "some extremely clever biochemical tricks." Because the entire stretch of human DNA is too big to work with, it is broken into smaller pieces, usually sequences of 1,000 or so nucleotides (bases). The sequencing of one of these pieces involves the manufacture of numerous copies — these are not exact copies, explains Dovichi, but constitute a "nested set of complementary fragments." By this he means that while each copy starts at the same point (the beginning of the sequence) the copies will vary in length in such a way that there will be some ending at each nucleotide base along the way.

Each base has one of four possible identifications — A (adenine), C (cytosine), T (thymine) or G (guanine). The complete set of complementary fragments is obtained by (the really tricky part of the whole process) making the enzyme used to synthesize copies of the original sequence always stop its manufacture at a particular base identity — 'A' for instance. This produces fragments which will always have an endpoint of that identity — 'A' in our example.



Top: Dovichi's research team has been growing rapidly and, in addition to post-doctoral fellows and graduate students, includes undergraduate students such as fourth-year science student Sue Bay, shown here recording experimental data. Light levels in the sequencing laboratory are kept low to prevent interference with the experiments in progress.

Above: Graduate student Heather Harke, '86 BSc, uses a microscope to check the alignment of the laser beam focused on the end of the tiny capillary from which DNA is being removed and its sequence read.

Conversely, for each base of that particular identity in the original DNA section there will be a copy which ends at that point. Repeating this synthesis for the remaining three identities ensures that there will be fragments of every possible length — that is, for each step in the DNA sequence there will be some fragments which have a corresponding endpoint. To obtain the sequence for the section being studied, the fragments are separated according to their length and their end identification read, moving from shortest to longest, to give the complete sequence.

The traditional method by which separation and identification is accomplished is known as electrophoresis. It was devised by British biochemist Frederick Sanger (earning him the 1980 Nobel Prize in Chemistry, his second of these) and involves the radioactive marking of the DNA fragments. These are combined with a gel and smeared onto a large glass plate. The passage of a low-level electrical current through the smear causes the fragments to migrate, their velocity directly related to their length. Because their speed of travel determines their final position, at the end of the electrophoresis the fragments have been separated in such a way that the sequence of the original DNA section can be read.

"Traditional electrophoresis is tried and true and involves low capital cost," says Dovichi. But it is also tedious and slow. "Horrendously slow," is how he puts it. The sequencing of a small section of DNA takes the better part of a day. "It has been calculated that it would take perhaps a century of person time to sequence the entire human DNA using this technology," says Dovichi.

The method his U of A group is pioneering is much, much faster — several orders of magnitude faster. His people place DNA fragments in a gel mixture which is forced into the hollow core of tiny capillaries, scarcely wider than a human hair. These tiny tubes, made out of the same transparent quartz as are optical fibres, are very efficient dissipators of heat, making possible the use of extremely high electrical fields for the rapid separation of the DNA fragments.

Once the separation is complete, Dovichi's laser-based, ultra-sensitive fluorescence detection technology is employed to read the base sequence. The whole process is computerized and Dovichi has plans for a third-generation detector that can collect information from 30 to 100 capillaries simultaneously.

In search of fame and fortune Columbus risked the perils of unknown seas five centuries ago. Fame he found in a measure few men have. Fortune was also his — contrary to the widespread belief that he died penniless, Columbus was, in fact, one of the richest men in Spain when he died in 1506.

Norm Dovichi doesn't see himself as a later-day Columbus, but he admits that the fame and fortune part sounds pretty good to him. To illustrate the fame which DNA sequencing can bring, he points to the publicity surrounding the recent discovery of the gene responsible for cystic fibrosis. "With tremendous patience, a number of groups using the classic electrophoresis technology were able to determine the sequence of the piece of DNA which makes a protein which is defective in people who suffer from cystic fibrosis," he says. That discovery will likely result in a Nobel Prize.

On the fortune side, Dovichi gives the example of the large — perhaps \$100 million or so — industry which has resulted from the deciphering of the sequence of about 1,000 nucleotides for the human growth hormone. "It's remarkable how a string of letters, if they are the right letters, can lead to fortune indeed," comments Dovichi.

Fame and fortune aside, there is a very basic reason for the scientific interest in DNA sequencing, suggests Dovichi. "We know that much disease has a genetic nature associated with it; so if you were able to discover what genetic defects cause these diseases you would have some hope of curing them. But that's not the real reason why people are interested in the human genome — it's not to cure genetic diseases, although that's a nice, simple, clean system to describe. What you want to understand is the molecules of life: how do human beings work on the cellular level? That's the whole point."

Gathering History

Jeffrey Dvorkin, '69 BA, has long had an interest in history.

While a University student, he saw that interest shift from the medieval period to the events of more recent times ("I took a course in modern French history from Professor Rothrock and he rather got my curiosity going ...," he explains) but history remained his calling and, armed with his honors degree from the U of A, he headed east, stopping at the University of Toronto long enough to earn a master's degree in modern European history. From Ontario, he continued east, all the way to England, where he completed a master of philosophy degree program at the London School of Economics.

He was preparing himself for an academic career. "I presumed I would be a university teacher in modern European history," says Dvorkin. "Unfortunately, in those days — that was 1974 — there were virtually no teaching jobs in the field."

He doesn't say "unfortunately" with great emphasis: he's not complaining, just explaining. He seems quite content with the direction his career has taken. Having sidestepped into a career in journalism, Dvorkin is now managing editor for CBC National Radio News. Instead of studying history from a temporal distance, he's concerned with its unfolding on a daily basis.

The native Albertan — he was born in Calgary and raised in Edmonton — began his journalism career in a rather unspectacular way, working part-time as the overnight editor for CBS News in London. The job involved little more than keeping an eye on the teletype, but it was enough to get him interested in news-gathering, and when he completed his MPhil and returned to Canada in 1974, he sought assignments as a freelance reporter and producer.

"I had been out of the country a few years and I was curious to come back," recalls



Managing Editor Dvorkin

Dvorkin. "I had learned French and decided to go to Montreal to keep my French up." It was an exciting time for journalism in Quebec, and Dvorkin, who went to work for the CBC Television affiliate in Montreal in 1976, covered the coming to power of the PQ and later the referendum which supported federalism.

In 1981, he left Quebec for a short stint in Ottawa as a field producer with the parliamentary television bureau. Later that same year he moved to Toronto to become an editor for CBC TV's "The National."

In 1985 he made the switch to CBC National Radio News. From his position as assignment editor, he progressed to newsroom manager, and was named managing editor in the fall of 1991.

"It's an interesting time to be involved in both journalism and the Corporation," says Dvorkin. "We are trying to do more with what we've got," he adds, stressing a commitment to trying to expand the range of options for listeners while ensuring that the quality of news gathering and editing remains high — all of this at a time when CBC is experiencing funding cutbacks.

But Dvorkin remains optimistic. "We're pretty convinced that we will be able to do it through redirection of funding," he says. As an example of what can be accomplished by budget reallocation, he points to CBC Radio's recent creation of two additional news bureaus, one in Johannesburg and another,

which will serve as a window to Eastern Europe, in Vienna.

In his new position, Dvorkin attends editorial meetings every day to "make sure I am aware of what we are putting on the air" and is responsible for administering a staff of about 90. While the new job has brought some changes in his life — "Certainly, I am a lot busier" — being one step farther from the day-to-day news gathering hasn't made a difference in one respect: "I always got a lot of calls in the middle of the night, and I'm still getting them."

CBC Radio News is the largest news service in Canada, says Dvorkin. "We have on the national level a total of about 250 reporters and editors in about 30 stations across the country. We also administer five overseas bureaus — London, Paris, Washington, Moscow, Beijing — and our two new bureaus in Johannesburg and Vienna."

His department is responsible for all of CBC's hourly newscasts, including "World Report" in the morning and the "Canada at Five" and "The World at Six" afternoon newscasts. In addition, it produces a program out of Ottawa, "The House," which airs Saturday mornings and is subtitled "The Week in National Politics."

"The House" has been a very successful program, says

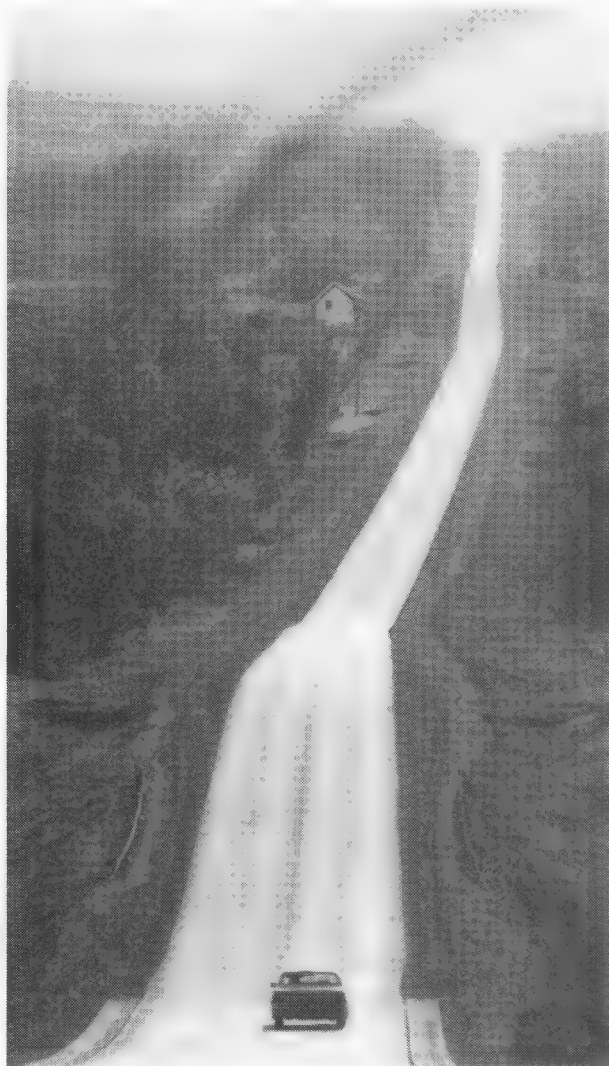
Dvorkin, citing the fact that it has had the largest growth of any program on CBC Radio over the past five years. He also expresses particular pride in "World Report," which attracts more than one million listeners each day: "It's our most-listened-to program and, I would modestly say, the single most influential news program in the country at this point, because it is the beginning of the daily news cycle in Canada."

The new managing editor expresses no desire to make programming changes simply for the sake of change. "I don't think that we are going to change the programs that are very effective. The point is, I think, to give people some consistency as well. What we are looking for now is to strengthen them both in terms of people and the resources we put into them."

Dvorkin no longer has family in Edmonton or other direct ties with the city he grew up in, but friendships and memories endure. And there is one particular link to Edmonton and the University of Alberta: "It is interesting to note," he says, "that those of us of a certain age from Alberta remember CKUA pretty fondly — that became, in a way, a kind of model for 'smart radio,' which is what we like to continue to put on the air."

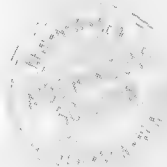


They are (left to right) Rajat Nigam, Trevor Brandenburg, Corey Hamm and Roger Admiral, music students at the University of Alberta. Together, they are the Hammerhead Consort, the piano-percussion ensemble which recently won the 1992 Chamber Ensemble Award of the Sir Ernest MacMillan Memorial Foundation. The Consort plans to use the \$15,000 prize to commission new works from Canadian composers Alfred Fisher (a U of A faculty member) and Garth Hobden and to make a compact disc recording.



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Grad Named to Chair at Oxford

John Irving Bell, '75 BSM, university lecturer in clinical medicine and immunology at Oxford University, England, has been named to a prestigious professorship at that university.

On 1 October 1992, he will succeed Professor Sir David Weatherall as Nuffield Professor of Clinical Medicine. The chair is associated with Magdalen College, of which Dr Bell is currently a fellow and where he undertook his medical studies in the 1970s.

Bell first went to Oxford as Rhodes scholar in 1975 and completed his medical training there before holding posts as a junior doctor in Oxford and London. Between 1982 and 1987, he undertook research in the Departments of Medicine and Medical Microbiology at Stanford University, California.

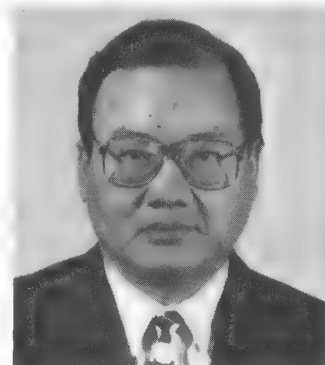
He returned to Oxford in 1987 and since that time has pursued research into the molecular biology of the immune system. His major research interest is the molecular genetics of autoimmune disease. His work has contributed to identifying the two major genetic locations involved in susceptibility to juvenile diabetes, and he has

also been involved in identifying the predominant genetic susceptibility factor in rheumatoid arthritis.

At present, he is attempting to characterize the molecules that allow lymphocytes (white blood cells) to be targeted to different organs in the body, and the analysis of the HLA and T-cell receptor molecules that initiate the immune response. He is also working on identification of the other genes responsible for susceptibility to autoimmune diseases in the context of the international Human Gene Mapping Project.

Alumnus Serves at Sister University

Mark Lea-McKeown, '87 PhD, served as a Canadian visiting professor of education and social development at Korea's Chung-Ang University, a sister university to the University of Alberta, for the 1991-92 term.



Lea-McKeown

This unique position in a bilingual program has been implemented with Korean and English as the languages of instruction because Korea is becoming a significant leader in economics and education in the Pacific Rim, says Dr Lea-McKeown.

He reports that the program is appearing successful and the quality of the students is excellent. He adds that in Korean culture education is considered most important and professors are highly respected.

Dr Lea-McKeown was previously an adjunct faculty member in Education at the University of Manitoba.

Your Alumni Association Requires:

Faculty Representatives for Alumni Council

Vacancies currently exist for alumni to serve three-year terms representing the Faculties of **Engineering** and **Business**. For information about making nominations, please contact Susan Peirce at (403) 492-3224.

Volunteers

Volunteers with organizational and people skills are being sought to contribute their time and talents to alumni-related projects. One of the areas in which help is needed is in the upkeep of the constantly changing alumni records database.

If you would like to help track "lost" or "missing" alumni or help in other ways, contact Sandra Kereliuk in the Office of Alumni Affairs; telephone 492-4523.

Reunion Weekend Plans in Full Swing

Reunion Weekend promises to be a special affair this year.

The large number of anniversary reunions already being planned, the numerous special events, including a variety of faculty open houses, and an exclusive concert, as well as traditional events, such as the annual Gala Dinner and Dance, are combining to make for a great homecoming.

All U of A alumni, families and friends are welcome to take part in the many events planned for 2-4 October.

Reunion Weekend '92 kicks off with SUB's silver anniversary celebration: a one-night-only concert featuring Glenn Yarbrough, one of the first performers in the Students' Union Building Theatre when it opened 25 years ago. A reception will follow.

For students (particularly 1966 and 1967 grads) who were on campus during the construction of the new Students' Union Building but had left campus before it opened in the fall of '67, this will be an opportunity to see the facility which replaced the smaller Students' Union Building of earlier years (now University Hall).

Another special anniversary being celebrated at this year's Reunion Weekend is the 75th anniversary of the Faculty of Dentistry, which began in 1917 as a department in the Faculty of Medicine. Dentistry has a number of special events lined up for their returning alumni. In fact, this year a record number of faculties, clubs and groups are involved in Reunion Weekend activities.

One of the Weekend's most popular functions, the Gala Dinner and Dance, will be held Saturday night at the Westin Hotel Edmonton. Groups wishing to reserve tables for this event are welcome to do so, says Elke Christianson, who is helping organize the event, but she advises that reservations should be made early.

Another annual Reunion Weekend highlight is the Sunday morning brunch hosted by the University's President and his wife. This year President and Mrs Davenport will welcome graduates from the classes of 1932 and '42 to a brunch at the Mayfair Golf and Country Club, situated in the river valley west of campus.

On the first day of Reunion Weekend 1992, Friday, 2 October, all alumni are invited to experience a "day in the life" of a University of Alberta student. The activities — a campus tour, classroom time, even a "Convocation" — should bring back fond memories and allow graduates to discover how the University has changed since their time.

On the following day, the popular "Super Saturday" drop-in lecture series, which has been held in conjunction with the past two Reunion Weekends, will again be offered. The drop-in lectures feature presentations on topics of current interest by some of the University's most highly-regarded teachers.

Ms Christianson, who is manager of programs and services for the Alumni Affairs Office, invites graduates from the classes of 1932 (diamond), 1942 (gold), 1967 (silver) or from any other

class celebrating a special anniversary (typically an anniversary that is a multiple of five) who have not yet received a Reunion Weekend '92 mailing to contact the Alumni Office for a brochure.

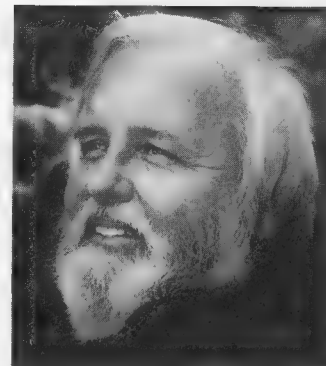
She is also interested in hearing from alumni interested in helping to get a reunion underway for their particular class or group. A listing of reunions currently being planned can be found in this issue of *New Trail*.

Yarbrough to Give Anniversary Concert

Twenty-five years ago, Glenn Yarbrough was the featured performer at a concert held in the newly-opened SUB Theatre on campus.

One of the songs the popular folksinger performed was "Time To Move On," but that was something that would prove difficult for his group after the show. The *Gateway* of 2 November 1967 reported that "an energetic campus patrol towed away two of his (group's) three cars, illegally parked in the loading area by SUB. Luckily for Glenn, his own car was left, because his wife was sitting in it at the time. The rest of his troupe, however, were forced to take taxis after the performance."

Apparently Yarbrough



Glenn Yarbrough

doesn't hold grudges (at least not for 25 years), for he's happy to be returning to the SUB Theatre, now renamed in honor of former U of A president Myer Horowitz, to help celebrate the Students' Union Building's 25th anniversary.

His concert, jointly sponsored by the Alumni Association and the Students' Union, is the Reunion Weekend '92 opening event.

Yarbrough began his singing career at the age of eight as a boy soprano at Grace Church in New York, where a commemorative plaque recalls that he had "the unspoiled voice of an angel and an almost consuming passion for singing."

That love of singing, and a parallel passion for sailing, have shaped Yarbrough's life. In 1959 he met Lou Gottlieb and Alex Hassilov in a Los

Are there things that you wish you had known?

Preparing yourself for a career isn't easy — particularly when you haven't a clear idea of the day-to-day demands and special challenges you will be facing. To assist future alumni make the most of their educational choices, the Alumni Association is introducing the **Student Mentoring Program** to match University students with alumni of compatible experience.

If you would be willing to devote time to introducing a future colleague to your profession, please fill out and return the form below or contact the Office of Alumni Affairs. Phone (403) 492-3224 or Fax (403) 492-1568.

I am interested in the Student Mentoring Program.

Name _____

Year of graduation/degree _____

Business Phone _____

Home Phone _____

Mail to: Alumni Affairs / 430 Athabasca Hall
University of Alberta / Edmonton T6G 2E8



1992 Class Reunions

The Alumni Association is happy to assist individual classes in organizing special events during the homecoming activities of **Reunion Weekend '92** (October 2-4, 1992) or reunions at other times. The following classes are currently planning reunions scheduled for this year:

Class/Place/Date/Contact

- '32 **Graduating Class** Edmonton/Reunion Weekend/Alumni Office
- '32 **Dentistry** Edmonton/Reunion Weekend/Isadore Wolch
- '32 **Law** Edmonton/Reunion Weekend/Wilbur Bowker
- '32 **Arts** Edmonton/Reunion Weekend/Eunice Colville, Phyllis Young
- '42 **Graduating Class** Edmonton/Reunion Weekend/Alumni Office
- '42 **Engineering** Edmonton/Reunion Weekend/George Ford
- '42 **Civil Engineering** Edmonton/Reunion Weekend/Ralph McManus
- '42 **Home Economics** Edmonton/Reunion Weekend/Norma Trussler
- '42 **Medicine** Jasper/September 16-19/Robert Francis
- '42 **Dentistry** Calgary/August 29-September 2/Dental Alumni Association
- '47 **Home Economics** Edmonton/Reunion Weekend/Lorna Connolly
- '52 **Medicine** Jasper/September 16-19/JT Mason, FG Williams
- '52 **Chemical Engineering** Edmonton/Reunion Weekend/Bill Laurensen
- '52 **Electrical Engineering** Edmonton/Reunion Weekend/Bob Choate
- '52 **April Dip Nursing** Edmonton/June 20-21/Jean Lang
- '57 **Civil Engineering** Canmore/Fall/Ted Bartkiewicz
- '57 **September Dip Nursing** Reno/October 20-24/Bonny Johnson
- '62 **Medicine** Kananaskis/September 18-20/Margie McCaffery
- '62 **Sept Dip Nursing** Edmonton/September 18-20/Kathy Szechchina
- '66 **Engineering** Edmonton/Reunion Weekend '92/Terry Hrudehy
- '67e **Graduating Class** Edmonton/Reunion Weekend/Alumni Office
- '67 **Commerce** Edmonton/Reunion Weekend/Al Anderson
- '67 **Education** Edmonton/Reunion Weekend/Lorene Everett-Turner
- '67 **Arts** Edmonton/Reunion Weekend/Jim Wuest, Frederick Chapman
- '67 **Engineering** Edmonton/Reunion Weekend/Pete Rivers
- '67 **Home Economics** Edmonton/Reunion Weekend/Joanne Roberts
- '67 **Dentistry** Calgary/August 29-September 2/Dental Alumni Association
- '67 **Dentistry** Edmonton/Reunion Weekend/Bryun Sigfstead
- '67 **Agriculture** Edmonton/Reunion Weekend/Lorne Krause
- '67 **Law** Edmonton/Reunion Weekend/Branny Schepanovich
- '67 **Nursing** Edmonton/Reunion Weekend/Kathy Oberle
- '67 **Sept Dip Nursing** Kananaskis/October/Barb Moon
- '67 **Medicine** Edmonton/Reunion Weekend/Dianne Brox
- '67 **Pharmacy** Edmonton/Reunion Weekend/Dave Ritchie, Brian Boyd
- '67 **Science** Edmonton/Reunion Weekend/Judy Ross, Anne Wheeler
- '67 **Phys Ed** Edmonton/Reunion Weekend/W Littlechild, J Lees, C Miskey
- '67 **Civil Engineering** Edmonton/Reunion Weekend/John McDougall
- '67 **Rehab Medicine** Edmonton/Reunion Weekend/Gary Link
- '67 **Rehab Medicine** Lethbridge/September 26-27/Gary Link
- '68 **Pharmacy** Edmonton/Reunion Weekend/Arlene Ponting
- '68 **Grad Class** Edmonton/Reunion Weekend/P Ponting, M Pilkington
- '68 **Agriculture** Edmonton/Reunion Weekend/Brian Pinchbeck
- '68 **Dentistry** Edmonton/Reunion Weekend/Arthur Filyk, Bob Dunnigan
- '72 **Chemical Engineering** Edmonton/Reunion Weekend/Jim Rowley
- '72 **BSc Nursing** Edmonton/Reunion Weekend/Judy Cochrane
- '72 **BFA** Edmonton/August/Norma Larson
- '72 **Sept Dip Nursing** Banff/October 2-4/Bonnie Sutley
- '72 **11th MAC** Pigeon Lake/August 14-16/Val Werner
- '82 **Speech** Edmonton/Reunion Weekend/Denise Kantypowicz
- '82 **Medicine** Edmonton/July 31-August 3/Mike Lee
- '82 **Rec Admin** Edmonton/Reunion Weekend/Barb Chapman

Other

- Dentistry 75th Anniversary** Edmonton/Reunion Weekend/Dave Scott
- Richard Eaton Singers** Edmonton/June 26-27/Cathy Breckenridge
- '67 **Vanier Cup Football Champs** Edmonton/August 28-29/D Rowand

Some locations and dates are tentative. Should you require information about the reunions noted, or if you wish to organize a reunion for a class or group not listed, please contact Elke Christianson in the Office of Alumni Affairs at (403) 492-0117.

Angeles folk club where he was performing and the three started singing together at the Limelite Club, which Glenn had opened in Aspen, Colorado. Thus the Limelites, one of the most popular American folksinging groups in the pre-Beatles era, was created, with Yarbrough's outstanding solo voice giving the trio its unmistakable soaring quality.

After leaving the Limelites in 1963, Yarbrough intended to "take a crack at sailing around the world" but RCA asked him to make a solo album and the success of *Time To Move On*, which contained his first top-40 hit, "Baby The Rain Must Fall," meant that sailing had to wait.

However, his deep passion for boats and the sea would not be denied, and in 1969 Yarbrough began a three-year odyssey building his own 17-metre ferro-cement ketch *Jubilee*, which would serve as his home for five years.

Having returned to music full-time, Yarbrough now lives in Los Angeles and continues to perform and record. He has more than 60 albums to his credit and his "masterful tenor voice" and the integrity of his renditions (his music varies from folk to jazz to ragtime, and from upbeat to heartbreaking) continue to please audiences.

Tickets to his 2 October 1992 concert are initially being offered exclusively to alumni at the price of \$25. If any remain, they will be made available to the public at a later date.

Mentors Still Needed to Provide Advice to Students

The Association's new Student Mentoring program, introduced in the last issue of *New Trail*, is off to a good start, says the Office of Alumni Affairs' manager of programs and services, Elke Christianson.

However, she adds, considering that about 6,000 new students enter the University each year, many with unanswered questions concerning the professions they are considering, the Association could use more alumni willing to meet with individual students to provide a "window" to their professions, giving some idea of potential benefits and drawbacks and future trends.

The program, offered in cooperation with the University's Student Counselling Service, is intended to complement the various forms of career counselling on campus. Alumni participants need spend only about 45 minutes talking with an individual student, and they need not worry about being deluged by questioning students — mentors can specify when they would like to have their name added to the program's registry and when they want it removed, says Christianson.

Alumni willing to take part in this program are invited to fill out and return the form included elsewhere in this issue of *New Trail*.

Association Calendar

Branches

San Francisco

Reception 18 September 1992
University Club / 6:00 pm to 8:00 pm
Speaker: Dr. Paul Davenport
Please watch your mail for further details.

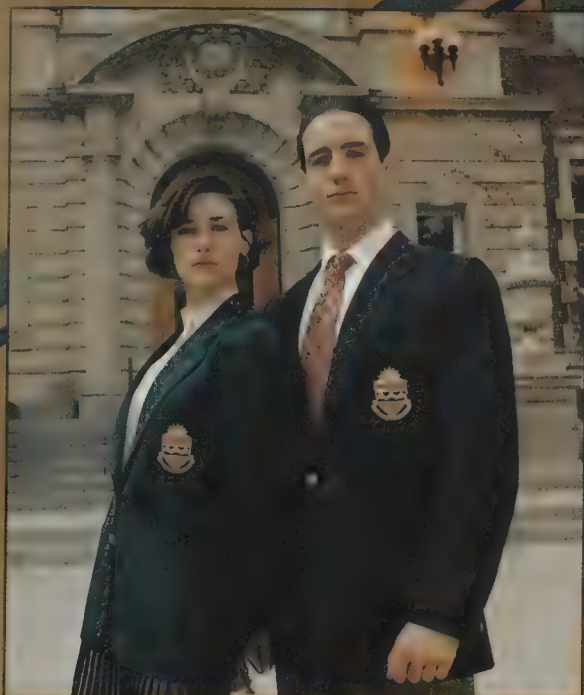
Los Angeles

Reception 19 September 1992
Official Residence, Consulate General of Canada
Speaker: Dr. Paul Davenport
Please watch your mail for further details.

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Driving into the Automotive Future

You're off to work at your office on the other side of Edmonton. You hop in the car and turn on the electric motor. This weekend, the family is going to Jasper. That means you'll have to use the combustion engine to get there.

Sound far-fetched? A number of University of Alberta engineering students certainly don't think so. Furthermore, they're participating in a project they hope will help make hybrid electric cars — cars powered by a combination of electric and combustion engines — a reality.

The students have now taken possession of a 1992 Ford Escort stationwagon, which was given to them by the Ford Motor Company, and under the terms of a competition sponsored by Ford, The Society of Automotive Engineers International and the U.S. Department of Energy, have until June 1993 to turn the car into a hybrid electric vehicle.

The U of A group is one of 30 taking part in the competition. The only other Canadian group to have its proposal selected was from Concordia University in Montreal.

At the U of A, the Hybrid Electric Vehicle project is headed by electrical engineering student Brian Jorgenson and overseen by mechanical engineering professor David Checkel. It involves parking the Escort stationwagon in a laboratory, stripping it down and converting it into a fully-operational hybrid vehicle.

Ford and many other car companies have been attempting to develop a hybrid electric vehicle, explains Dr. Checkel. "They realize that technically it's not that difficult," he says, but points out there are an incredible number of "optimization" decisions that have to be made. For example, how large a combustion engine should it contain? What are the horse-



Curtis Collie (left) and Warren Salt, both fourth-year mechanical engineering students in the cooperative program, are part of the University of Alberta team competing in a contest to design and build a hybrid electrical vehicle — a car powered by both gas and electricity.

power requirements? How heavy can the vehicle be?

All these questions and many others can be approached by student groups without the preconceived ideas car company engineers may have, says Checkel. "We shouldn't underrate the innovation the company gets from these projects," he says.

University of Alberta students have responded to the Ford challenge in a big way. "Since submitting our proposal to Ford last December, the project design philosophy has been refined as we acquire an increased understanding of the necessary technology," says Rob Martin, a third-year electrical engineering student who is serving as the project's administrative group leader. "The key design objective," he says, "is to create a vehicle which is both acceptable to the public and suitable for mass production in the near future."

Martin and his fellow student organizers had an overwhelming response to their efforts to recruit additional student participants. More than 200 people attended the first meeting they called, and five groups were subsequently formed: batter-

ies, electrical motor and drive, digital and control systems, internal combustion engine/mounting, and finance and administration.

"This is probably one of the largest student projects ever attempted at the University of Alberta," says the finance and administration group leader, Ken Workun.

It's not only Ford that stands to gain from this project; the students themselves will gain valuable first-hand experience. There are eight students — Jorgenson, Martin, Workun, Glenn Staines, Kevin Oler, Warren Salt, Curtis Collie and Lindsay Sheppard — receiving salaries from the project and they, along with the many other participants from diverse disciplines, will have to learn how to work closely with one another.

While the students have been organized into separate groups, there will be numerous instances of crossovers, says Oler, who gives the example that the mechanical systems have to be controlled electronically, so that will require close cooperation. Jorgenson says that it will be crucial that each subgroup be present and involved at the important decision-making

meetings. "We'll all have to move forward together," he says, adding that the vehicle is expected to be functional by February 1993.

The students have the support of the Departments of Mechanical Engineering and Electrical Engineering and have the opportunity to convert some of their efforts in the project into credits through experimental/design project courses within the curriculum.

The money to support the project will have to come through fundraising efforts, and the students hope to receive backing from industry and both the federal and provincial levels of government. One of their main goals, say the students, is to make the car respond to the needs of drivers in Canada, using made-in-Alberta technology wherever possible.

Already, two corporate sponsors — Healy Ford of Edmonton and Edmonton Power — have come forward with support for the project, and the students hope to obtain further funding in the near future.

Project leader Jorgenson, who has been interested in the idea of electrically-powered cars for some time, believes that the hybrid electric car will eventually be used as a commuter vehicle, and that it represents the future for the automobile industry.

Certainly, circumstances seem to be on the side of electrically-powered vehicles. For example, the City of Los Angeles is creating "no pollution zones," in part to stimulate economically-viable alternative technology. "Electrically-powered vehicles create far less pollution than do combustion-engine vehicles," points out Jorgenson. He says that the hybrid electric car represents a practical, intermediate step to pure electric vehicles.

He and his fellow U of A students have a chance to help shape that step into the automotive future, and they plan to make the most of it.

'30

Anna Sharpe (Wilson), MD, '26 BA, who was awarded the Order of Canada for her fight against polio in the early 1950's, when she was medical officer responsible for Ottawa region schools, continues to live in Ottawa.

'34

Jack McConnell, BSc(Eng), writes that he and his wife are into their 21st year of enjoyable retirement on B.C.'s west coast. He reports recently having visited with grads Bill Holloway, '34 BSc(Eng), and Guy Kinnear, '34 BSc(Eng). All look forward to their 60th anniversary.

'39

Walter Dunkley, BSc(Ag), '41 MSc, and **Virginia Dunkley (Morrow)**, '41 BSc(HEC), have moved to the retirement community of Eskaton Village in Carmichael, California.

'41

Roy Reynolds, BSc(Ag), '43 MSc, is still actively farming in the Ardrossan area east of Edmonton.

'44

Donald Scott, BSc(Eng), '46 MSc, of Waterloo, Ontario, former head of Chemical Engineering at the U of Waterloo, was recently profiled in the *Bulletin* of the Canadian Society for Chemical Engineering, which noted that he is "internationally recognized for his contributions to the discipline, practice and profession of chemical engineering."

'47

Brigham Card, BEd, '42 BSc, reports having spent this past winter in Florida, Wyoming and Utah ("for family") and Desert Hot Springs, California ("for the grandparents to experience Shangri-La for a couple of months.")

'49

John Nock, BSc, has retired from Unocol Corporation after 22 years of doing exploration geophysics in Calgary and Los Angeles. Jack began his career as a "computer" with Delta Exploration in Canada in 1951 and spent many years in locations such as Trinidad, Turkey and Chile. He was always involved with data processing, beginning with the earliest analog machines and continuing into the digital world. Jack and his wife will remain in Pasadena, California, where he does not intend to become a consultant.

'50

Arne Nielsen, MSc, '49 BSc, recent-

ly joined Poco Petroleum Ltd. as chairman, president and CEO. Since retiring from Mobil Oil Canada in 1990 after 40 years of service, he has been a consultant and executive for Bowtex Energy (Canada) Corp.

'51

Kalpna Mishra (Shukla), MEd, '86 PhD, is assistant director at Indira Gandhi National Open U in Ahmedabad, India.

'53

Ronald Southern, BSc, '91 LLD(Honorary), chairman, president and CEO of ATCO Ltd., has been appointed to the Board of Directors of Chrysler Canada.

Charles Hantho, BSc(Eng), has been named to the board of directors of TransAlta Utilities Corporation. He is chairman, president and CEO of Dominion Textile Inc.

'54

Edward Lucht, BSc(Eng), retired at the beginning of March and now lives in Etobicoke, Ontario.

'55

Thomas Lawrence, PhD, of Saskatoon was recently named a Member of the Order of Canada.

'56

Olive Sproul (Salamandick), BSc(Pharm), who is now retired from the federal civil service in Ottawa, lives in Mahone Bay, Nova Scotia, where she and her husband have a fine arts gallery.

Erik Lefsrud, LLB, '55 BA, of Edmonton has been named to the Alberta Court of Queen's Bench.

'57

Miles Palmer, BCom, an Edmonton chartered accountant, has been appointed to the volunteer board of the Western Industrial Research and Training Centres.

'58

Roy Orvis, MSc, '56 BSc, has recently retired from the Eastman Kodak Photographic Research Laboratories at Rochester, N.Y.

Cameron Strong, MD, has been elected vice-chair of the board of governors of the Mayo Clinic in Rochester, Minnesota.

Bayard Reesor, BEd, '74 PhD, a professor at Augustana U College in Camrose, Alberta, is the author of *The Canadian Constitution in Historical Perspective* recently released by Prentice Hall.

'59

Allan Cromb, BCom, has been

promoted by Investors Group in Edmonton. He now holds the position of senior consultant in the executive and corporate division of investors

Bertha McCutcheon (Archer), BEd, reports that she retired in 1973 on a small pension. "No longer able to travel long distances, but still reading."

'60

Jack Agrios, LLB, '59 BA, has been appointed head of Alberta's new Family Life and Drug Abuse Foundation.

Daniel Pekarsky, LLB, '59 BA, has been named a director of Pegasus Gold Inc. A Vancouver resident, he is CEO of Rothchild Corporation (Canada) Inc.

'61

Frederick MacDonald, MD, medical advisor to the respiratory department at Grey Nuns Hospital, Edmonton, has received recognition for his outstanding contribution to respiratory research with the 1991 Clinical Research Award from the Edmonton Academy of Medicine. **Wayne Newhouse**, BSc(Eng), has been appointed senior vice president, exploration and international development, by Norcen Energy Resources Limited.

Dale Lucas, BSc(Eng), '67 BA, has

been named head of J. Makowski (Canada) Ltd., a newly formed subsidiary of J. Makowski Company (JMC) of Boston, a large importer of Canadian natural gas in the U.S.

'62

David Lyons, BSc(Eng), and **Roberta Sheps**, BA, live in England, where Dave teaches computer science at the U of Essex and conducts research into computer-aided education for severely mentally handicapped people. After a long period of motherhood and part-time theatrical activity, Roberta took an LLB degree and now practices law in Epswich. They report that together they have two "off-perfect" children.

William Dunne, BPE, recently retired as principal of St. Clement Catholic School in Grande Prairie. **Terrance Morrison**, BSc(Pharm), has been appointed executive vice president and regional head for B.C. by Shoppers Drug Mart.

'63

Louise Popp (Krefting), Dip(Nu), whose oldest daughter is now attending the U of A, is a Medicentres nurse in Edmonton.

'64

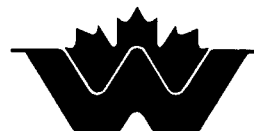
Patricia Clements, BA, dean of Arts at the U of A, was a recent winner of

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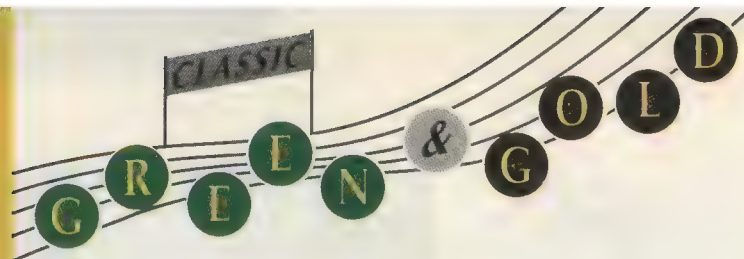
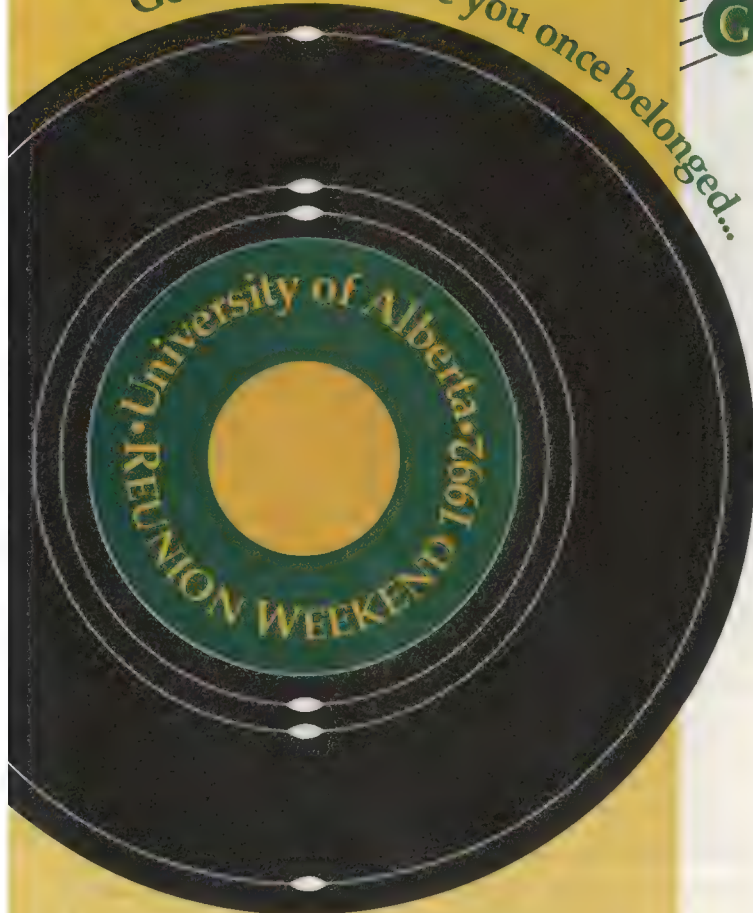
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Get back to where you once belonged...



You are invited back to the University of Alberta campus to celebrate Reunion Weekend '92. Join us October 2-4 for a weekend of entertainment.

FRIDAY, OCTOBER 2

"Student for a Day"

All alumni are invited to experience a day in the life of a University of Alberta student. SUB: 10:00 a.m. to 3:00 p.m.

Glenn Yarbrough Concert and Opening Reception

All alumni are invited to start their Reunion Weekend '92 celebrations by attending this event which honours the silver anniversary of the Students' Union Building. SUB: 8:00 p.m.

SATURDAY, OCTOBER 3

Tours

Breakfast drop-in & tours of Rutherford House
Campus tours depart from Rutherford House: 9:30 a.m.

Super Saturday Lectures

Return to the classroom for stimulating 50-minute lectures on a variety of fascinating subjects.
Business Building: 10:00 a.m. to 4:00 p.m.

Gala Dinner and Dance

Featuring fine dining, speaker Dr David M Vassos and dancing to the popular sound of the Golden Altos.
Westin Hotel: 6:30 p.m. to 1:00 a.m.

SUNDAY, OCTOBER 4

President's Brunch

President and Mrs Paul Davenport host graduates from the Classes of 1932 and 1942. Mayfair Golf and Country Club: 11:00 a.m.

Plan to gather your classmates for your own special functions today.

SPECIAL SATURDAY EVENTS

Faculty of Arts Drop-in • Faculty of Business Reception
Faculty of Dentistry's 75 Anniversary • Faculty of Education Party • Faculty of Engineering Open House • Faculty of Home Economics Open House • Faculty of Nursing Open House • Faculty of Pharmacy Update & Continuing Education Program • Faculty of Physical Education & Recreation Dean's Reception • Faculty of Rehabilitation Medicine Open House • St. Joseph's College Open House • U of A Mixed Chorus Rehearsal • Delta Gamma Open House • Pi Beta Phi Open House • Phi Delta Theta Open House

For tickets and further information, please return order form to: Office of Alumni Affairs, 430 Athabasca Hall, University of Alberta, Edmonton, Alberta T6G 2E8
Phone: (403) 492 3224 or Toll-free: 1-800-661-2593
Fax: (403) 492 1568

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Name and Address _____

Postal Code _____ Telephone _____

Year of Graduation/Degree _____

Name of Spouse/Guest _____

Please send me tickets for the following events
(indicate number):

___ Glenn Yarbrough Concert & Opening Reception
\$25/person \$ _____
___ Gala Dinner and Dance \$45/person \$ _____
Total enclosed: \$ _____

Make cheques payable to: "U of A Alumni Association".

I/We plan to take part in the following free events
(indicate event and number):

___ "Student for a Day" ___ Campus Tours
___ Super Saturday Lectures ___ Special Saturday Events
(list which ones) _____

___ President's Brunch (1932 & 1942 grads only)
___ I would like to help organize a reunion of
_____ (class or other group).

one of the Molson Prizes given by the Canada Council to recognize outstanding contributions to Canadian cultural and intellectual life.

'65

Lawrence Cunningham, LLB, '62 BA, and **Duncan Stewart**, LLB, recently joined the partners of Peterson Hustwick Wetsch & Moffat, (Edmonton and Spruce Grove, Alberta) in the practice of law. **Reginald Bibby**, BA, is a professor of sociology at the U of Lethbridge.

'66

Harry Gaede, BA, of Camrose has been appointed a judge of the Alberta provincial court. **Lane Graham**, MSc, '64 BSc, and

Jean Graham (Hepburn), '65 BMus, '64 Cert(Arts), recently returned to Winnipeg after a "wonderful" sabbatical year spent at Tulane U in Louisiana. He is a professor in the Faculty of Science at U of Manitoba. **Patricia Glanfield (Upton)**, BSc(MedLabSci), and **Brian Glanfield**, '70 BEd, '64 BSc, teach school at Sicamous, B.C. She teaches grade one; he is a learning resource teacher.

'67

Gordon Gent, BEd, president of Westgate Chevrolet in Edmonton, was one of 10 auto dealers from across Canada and the U.S. to receive a 1991 Dealer Education Award from Michigan's Northwood Institute. **Morley Riske**, BEd, '57 BSc, '60 MSc, who has taught biology and zoology

at Augustana U College in Camrose, Alberta will assume the title "professor emeritus" when he retires this summer. Only three others have this honor at the former Camrose Lutheran College. **Samuel Dalrymple**, MSc, '68 PhD, a consultant psychiatrist practising in Hove, southern England, is now an honorary consultant at St. Luke's Hospital in London.

'68

Ronald Kirstein, BPE, and **Linda Kirstein (McLeod)**, '87 BSc(OT), '73 BSc, work on Vancouver Island. Linda is an occupational therapist at Eric Martin Hospital in Victoria. Ron is co-ordinator of community services for Saanich Parks and Recreation and involved in planning facilities

for the 1994 Commonwealth Games. **Thérèse Potvin**, BEd, has been named Communicator of the Year by the Alberta journal *Le Franco*. Sister Thérèse is well known in Alberta's francophone community for her work in the field of music. **Grant Allan**, PhD, is the new president of the Manufacturing Research Corporation of Ontario.

'69

Rajinder Seth, PhD, senior scientist and head of the fibre and product quality section for the Pulp and Paper Research Institute of Canada, has been named a Fellow by TAPPI, the world's largest technical association for the paper and related industries. **Edward Davies**, BA, has been

In Memoriam

The Alumni Association extends condolences to the families and friends of the following:

Ada Augusta Linder '21 BA, '23 MA, in March 1992.
Jessie Morrow Symons '21 BA, of Calgary in August 1991.
Ernest McPherson Willis '23 BA, of Calgary in April 1992.
Muriel MacFarlane Gratz '24 BA, of Banff, Alberta in February 1992.
Hugh Teskey '24 BA, of Lethbridge in March 1992.
Percy Griffith Davies '25 BA, '27 LLB, of Edmonton in January 1992.
Matthew Matas '26 MD, of Edmonton in March 1992.
William Thomas Carlyle '28 BSc(Ag), of Edmonton in February 1992.
Lawrence Cecil Price '28 Dip(Pharm), of Ft. MacLeod, Alberta in November 1991.
Thomas Maldwyn Parry '29 BSc(Eng), of Calgary.
Marguerite Edith Calder '30 BA, of Calgary in March 1992.
Queen May Esdale '30 Dip(Nu), '46 Dip(PhNu) in April 1992.
Ursula Gwendolyn Sterling '30 BSc(Pharm), of Sherwood Park, Alberta in February 1992.
Stanley Vincent Allen '31 BCom, of Cobourg, Ontario in October 1991.
Dean Alvin Colpitts '32 BSc, of Edmonton in April 1992.
Percival Duncan Hargrave '32 BSc(Ag), '36 MSc, of Brooks, Alberta in March 1992.
Alma Joy McDonnell '33 Dip(Nu), of Camrose, Alberta in January 1992.
Janet Marilda Hawkes '34 Dip(Nu) of North Bay, Ontario in December 1991.
Ernest Rands '34 BA, of Penticton, British Columbia in March 1992.
Alistair James Elliott '36 BA, '42 MD, of Nanaimo, British Columbia in February 1992.
John Cornell Ewing '36 BCom, of Fairview, Alberta in February 1992.
Kathleen Elizabeth Sullivan '37

Dip(Nu), of Cranbrook, British Columbia in November 1991.
Lauren Irving Seaman '38 MD, in September 1990.
Harold Stewart Baker '39 MA, of Edmonton in March 1992.
Margaret Elizabeth Burgar '39 BSc(HEC), of Camrose, Alberta in March 1992.
Elizabeth 'Monty' Beamond Sprung '39 MD, in November 1991.
Edward Emil Tomashewsky '39 MD, of Victoria in May 1991.
Lloyd Evans Wilson '41 BSc(Ag), of Edmonton in March 1992.
Russell Quentin Colley '42 BA, '44 MD, of Tacoma, Washington in April 1992.
Allan Douglas McKenzie '42 MD, of Vancouver in April 1992.
Thomas Garfield Otto '43 MD, of Cape Girardeau, Missouri in April 1992.
George Percy Manning '45 BCom, of Courtenay, British Columbia in April 1992.
Harlan Goodridge Taylor '45 BSc, '48 MD, of Salt Lake City, Utah in April 1992.
Elaine Jean Stefanelli '46 BSc, '48 MD, of Christina Lake, British Columbia in December 1991.
John Wilburt Blair '47 BSc(Eng), of Edmonton in April 1992.
Clifford Leroy Sorenson '47 BEd, of Calgary in March 1992.
Jean Kathleen Eamer '48 BA, of Burlington, Ontario in February 1992.
Gordon James Logan '48 BCom, of Calgary in March 1992.
Vincent Thomas Young '48 BEd, of Edmonton in March 1991.
Walter Hugh Broadberry '49 BA, of Calgary in April 1992.
Douglas Robert Craig '49 BSc(Eng), of Carbon, Alberta in September 1991.
George Charles Field '49 BA, '50 LLB, of Edmonton in February 1992.
Leslie Frank Swann '49 BSc(Eng).
Urbain Basil Mangan '50 BSc in December 1991.
Floyd Walter McMillan '50 BSc, '61 BEd, '68 MEd, of Lac La Biche, Alberta

in January 1992.
Aline Emilie Mercier '50 BA, of Calgary in April 1992.
Sister **Mary Olive Sarasin** '50 BEd, in February 1992.
Dale Lloyd Christianson '51 BSc(Pharm), of Lethbridge in February 1992.
Ruth Marie Lempereur '51 BA, of England in January 1992.
Vincent James Maloney '51 BEd, of St. Albert, Alberta in February 1992.
Cecil James Marriott '51 DDS, of Edmonton in March 1992.
Edward Lloyd Morris '51 BSc(Eng), of Shelburne, Nova Scotia in March 1992.
Lyle Benjamin Adams '53 BEd, of Edmonton in February 1992.
Gerald Lyn Crawford '53 BEd, of Victoria in February 1992.
Bjarne Larson '54 BEd, '58 BA, of Edmonton in December 1991.
John Albert Jenkinson '59 BEd, '61 MEd, '63 MA, of Scarborough, England in January 1992.
Lily Anne Meronyk '59 BEd, of Surrey, British Columbia in March 1992.
Morris Keith Miller '59 BSc, '65 MD, of Victoria in December 1991.
John Bussell David '60 BEd, of Hanna, Alberta in March 1992.
Archie Wright McKechnie '60 BSc(Pharm) in October 1990.
Archibald Frederick Dick '61 BSc(Eng), of Edmonton in September 1990.
Donna Marie Gunning '61 BA, '65 Dip(Ed), of Edmonton in March 1992.
Andrew Spila '62 BEd, of Westlock, Alberta in February 1992.
Marie Rita Dalgarno '63 BEd, '70 MA, of Calgary in December 1991.
Edgar Garner King '63 MD, of Edmonton in March 1992.
William Wyrozub '64 BEd, of Red Deer in February 1992.
Frances Kathleen Chorney '65 Dip(Nu), '77 BSc(Nu), of Calgary in November 1991.
Michael Walter Wolowyk '65 BSc(Pharm), '69 PhD, of Edmonton in

January 1992.
Dora Gertrude Cochrane '66 MA, of Fredericton, New Brunswick in February 1992.
Frieda Melita Margaret Regehr '67 BEd, of Turner Valley, Alberta in February 1992.
Elaine Gail Speer (Tolonen) '67 BSc(HEC), of Edmonton in February 1992.
Lorne Arthur Jardine '68 MD in March 1992.
Judith Anne Trepanier (Lee) '68 BSc(HEC), of Cumberland, Ontario in October 1991.
Margaret Seymour '69 Dip(PhNu), '73 BSc(Nu), of Red Deer in February 1992.
John Tony Jacko '70 BCom, of Edmonton in April 1992.
Robert Francis Ressler '71 BA, of Medicine Hat in October 1991.
Roger Joseph Menage '73 BEd, of Edmonton in April 1992.
Delores Maud Day '73 BSc(Nu) of Edmonton in March 1992.
Cheung-Mei 'James' Wong '73 BSc(Eng), of Edmonton in November 1991.
Mary Elizabeth Campbell '74 BEd, of Three Hills, Alberta in April 1992.
Dennis Gerald Hoffman '74 BEd, '84 Dip(Ed), of Ardrossan, Alberta in February 1992.
Raymond James Fleming '75 BCom, of Cochrane, Alberta in December 1991.
Beth Helen Cherniawski '79 BEd, of Edmonton in March 1992.
Sandra Lynn Magico '81 BFA, of Kingston, Ontario in February 1992.
Neil Leslie McCallum '83 BCom, of Edmonton in February 1992.
Timothy John Woolley '86 BSc(Ag), in December 1991.
Mark Alexander Hastie '88 BSc(Forest), of Edmonton in April 1992.
Catherine MacPhail '90 MEd, of Edmonton.
Lorraine Courtrille '91 BA, of Edmonton in March 1992.

named vice-president, client services by the Prokosch Group, which, operating in association with the international career transition firm Drake Beam Morin, is one of Alberta's leading human resources consulting practices.

Donald Werner, Dip(Ed), '66 BEd, a retired elementary school principal, has recently returned from Ghana, West Africa, having been selected by the Canadian Teachers' Federation to participate in Project Overseas. **Alexander Tod, MEd**, is retired at Berowna Heights, a Sydney, Australia suburb. For a 25-year reunion in 1994 he is trying to locate Stan Digout and Kevin Veith, members of a 1968-69 master's course in educational administration. Last known addresses were North Battleford, Saskatchewan (Stan) and St. John's, Newfoundland (Kevin). If you can help, phone Edmonton 466-3630.

'70

Iris Jackson-Whaley, BA, is currently president of the Ontario Psycho-



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Father Robert Barringer, CSB
President
Phone (403) 492-7681

logical Association. With four other female psychologists, she runs the largest all-female, community-based psychological practice in Ontario. **Gilberte Gagne (Granger), BEd**, is now principal of Grandin School, Edmonton.

Catherine Fraser (Elias), LLB, has been named Chief Justice of Alberta, the first woman to hold the position of most senior judge in the province. **Richard Hancock, BSc(Eng)**, is president of the B.C. association for professional engineers.

Lynda Oberle, BSc(Nu), '69 Dip(Nu), is now vice-president of nursing at Alberta Hospital Edmonton.

'71

Wayne Keefe, BCom, is a stockbroker with Richardson Greenshields, Edmonton.

Eva Van Loon, BA, after six years teaching and five years retailing in Yukon and Alaska, earned an LLB degree in 1984. Married and the mother of a five-year-old daughter, she is a partner in the "Vancouver litigation boutique" Pierce, Van Loon.

Dorothy Wood, BA, has moved from Calgary to Ottawa, where she is a training and organization development consultant with Agriculture Canada.

Garry Ferr, BCom, was Top Sales-

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person for 1991 with Pat Mooney Real Estate Ltd. of Edmonton.

Joel Lipkind, BSc(Eng), has been appointed manager, environmental coordination by Alberta Energy Company Ltd.

'72

David Bai, PhD, and **Wendy Danson, '91 LLB, '68 BA, '90 MPM**, live in Edmonton. He is an anthropology professor at the U of A. Wendy is articling with McQuaig Desrochers.

Joan Majeski (Sherbanuk), LLB, '69 BA, recently entered into partnership in the Edmonton law firm now known as Karoles Mintz Majeski.

Dean Wood, MEd, '91 PhD, who received his PhD in educational administration from the U of A last June, is continuing in his position as vice-president, instruction at Keyano College in Fort McMurray, Alberta.

'73

Shirley Tolchard (Shier), BEd, is now living in Duncan, B.C., having retired after 19 years with Edmonton Public Schools.

Janis Pelletier, BA(RecAdmin), director of resource management at the Defence Research Establishment, Ottawa has been busy. She camped on the Australian outback in the spring of 1991 and, after five years of night school, completed an MA in public administration at Carleton U this February.

Laurence Walker, PhD, '68 MEd, has been chosen associate vice-president of academics at the U of Lethbridge.

Joanne Kelly (Henkelman), BA, has been named CEO of St. Francis Elder Care, which is based in La Crosse, Wisconsin and comprises four nursing facilities, eight senior housing developments and a variety of community-based support services for older adults. She was previously director of senior services for a health care system in Minneapolis-St. Paul, where she earned an MBA to complement her master's degree in gerontology from USC.

'74

Brian Burrows, LLB, has received Queen's Counsel designation from the Lieutenant Governor in Council for the Province of Alberta.

Eric Carstens, MSc, '68 BSc, is a professor in the Department of Microbiology and Immunology at Queen's U in Kingston, Ontario. His research into the molecular biology of baculovirus has expanded into a Federal Network Centre of Excellence on Biotechnology for Insect Pest Control.

'75

Mary Phillips, Dip(Ed), '66 BEd, now lives in Seba Beach, Alberta. A

Roman Catholic sister, she recently retired from pastoral care in Fort McMurray, having retired as a special education consultant in 1982. **Evelyn Blakeman-Crofford, MEd, '62 BEd, '66 Dip(Ed)**, has been principal of Nakasuk Elementary School in Iqaluit (formerly Frobisher Bay) in the eastern Arctic for the past year. She writes that Iqaluit has a population of more than 3,000 and is the Baffin region transportation hub. **Clyde Albrecht, BCom**, is the country manager for ABN AMRO Bank in Thailand. That bank, the largest in the Netherlands and sixth largest in the world, is expanding in Thailand, he reports.

'76

Melinda McNie (Millar), Dip(Ed), '74 BPE, who teaches at Queen Elizabeth High in Edmonton, has returned from a one-year teaching exchange to Australia.

Gordon Uhlich, BA, has been promoted to the corporate office of Canada Safeway in Calgary. He works in the real estate, construction and design department.

Danny Jenkins, LLB, is legal counsel with the Department of Justice, Government of the N.W.T.

Edward Leew, LLB, '75 BA, recently joined Norcen Energy Resources as general counsel.

William Mathewson, BA, has been appointed director of development by the Edmonton Community Foundation.

Gary Cowan, LLB, '72 BA, has been named vice-president, development by Marathon Realty.

'77

Garry Stebner, BSc(Eng), a senior manager with Carma Developers Ltd., has been named to the volunteer board of Western Industrial Research and Training Centres.

Uwe Welz, LLB, '74 BA, has been appointed to the Alberta Multiculturalism Commission.

Adell Nyberg, MEd, '74 BEd, '87 PhD, known nationally for her work with gifted students, was chosen 1991 Teacher of the Year by the Canadian College of Teachers. She teaches the advanced placement English literature and composition program at Memorial High in Stony Plain, Alberta.

'78

Paul Newcombe, LLB, has joined the Calgary office of the law firm Bishop & McKenzie as an associate.

David McDonald, MA, having recently completed a graduate diploma in population health at the Australian National U, now has a research position with the Australian Institute of Criminology. His current work is in the areas of deaths in custody and the therapeutic provision

of heroin to people dependent on opioids.

Robert McAneeley, BCom, is now a partner working in the Edmonton office of MacKay & Partners, Chartered Accountants.

George Phillips, BEd, '74 BA, who has been an analyst in Ottawa with the federal Department of the Solicitor General, is looking forward to relocating back to Alberta (Calgary) in June.

Wayne Wright, MHSA, '75 BA, has been appointed vice-president of administration by Alberta Hospital Edmonton.

Thomas Goodson, LLB, of Hobbema has been named Alberta's first Native judge.

Ted Wall, PhD, has been appointed dean of the Faculty of Education at McGill U.

Gordon Cadek, BCom, is now an associate with Wooldridge Krull, Chartered Accountants, Edmonton.

Blair Nixon, BCom, has been appointed a partner of the Alberta law firm Felesky Flynn.

'79

Janice Rennie (Moir), BCom, is now president - Prairie and N.W.T region for Princeton Developments.

Richard Davies, Dip(Ed), '71 BA, '72 Dip(Ed), an Edmonton teacher and author, has two new books out this year - he describes one as an anthology of stories, the other as a "different" collection of love poetry. Richard is a member of the poetry group Spiritus.

'80

Lorne Ruzicka, LLB, '76 BCom, recently joined the Edmonton office of the law firm Cook Duke Cox.

Brian Clapson, MD, '78 BMS, has been appointed chief of the division of plastic and reconstructive surgery and program director in plastic surgery at Saskatoon's Royal University Hospital of Saskatchewan.

John Artym, BSc, '79 BSc, and **Suzanne Artym (Aubry)**, '82 BEd, live in Sherwood Park, Alberta. John is general supervisor of safety and training for the City of Edmonton transportation department. Suzanne shares a teaching position at Horse Hill School in Edmonton.

Grant Milne, MSc, '78 BSc(Forest), and **Colleen Milne**, '79 BEd, and children are now in Zimbabwe. John, who has a doctoral degree from U of Edinburgh, resigned from Forestry Canada to be part of a five-person team helping Zimbabwe develop people and policies for environmental assessment of national resource development initiatives.

'81

Paul Freeman, BCom, '77 BSc, and **Norma Freeman (Rosadiuk)**, '77 BSc(Pharm), have left Edmonton for

employment in Victoria, B.C. "It's great to be back on the West Coast, and now we won't be missing the cold." They are looking forward to watching their two children "grow up in and around the beach."

Wesley Pedruski, LLB, '78 BCom, has become a partner in the Edmonton law firm Reynolds, Mirth, Richards & Farmer.

James Cowie, BCom, who spent two years in Dubai, U.A.E. as Middle East financial controller for Anadrill Schlumberger, has been transferred to a similar position in Jakarta, Indonesia.

Yvonne Becker (Shea), MA, '74 BPE, has been reappointed to the position of chair of the division of physical education at Augustana U College in Camrose, Alberta.

'82

Glenys Dolinsky (Grundberg), BEd, is teaching in Edmonton and working on a master's program.

Barbara Clarke (Rogers), BSc, who lives in Calgary with her three sons, is studying education in an after-degree program at the U of C. She recently received one of six 1991 Person's Case Scholarships, as well as bursary awards from the U of C Students' Union and Calgary Co-op.

'83

Donald Croft, MEd, '77 BA, '91 PhD, and **Paula Croft (Knight)**, '76 Dip(Ed), '90 BEd, have moved to Brisbane, Australia, where he is engaged in clinical psychology and academic activities. They and their three children are enjoying family, friends and the subtropical climate.

Irene Hostyn, BEd, '80 BA, was recently recognized for exceptional service by her employer, Investors Group, Edmonton.

Lorenzino Giusti, MSc, who completed a PhD in environmental geochemistry at Oxford U, is investigating the behavior of heavy metals in lake waters of England's lake district as an environmental science

research associate with the U of Lancaster.

Manoj Misra, PhD, is a scientist in the structural biology lab at the National Institutes of Health in Bethesda, Maryland.

Jean Allan, Dip(Ed), is a private practice counsellor in London, Ontario. She has an MEd in adult education and counselling from the Ontario Institute for Studies in Education and is now completing an addictions studies certificate at the U of Western Ontario.

Gerard Liston, BEd, '80 BA, of Edmonton, reports that he is tutoring students in English and math and "visiting Pro-Life Prisoners of Conscience in jails and helping plot the neutralization and eventual demise of the anti-family, anti-child establishment."

Michelle Scott, BCom, is now financial administrator for the Exhibition Association of the City and County of St. John, New Brunswick.

Grant Carnie, BSc, whose address is in Vail, Colorado, is working on a joint venture in Russia and has spent the last 15 months in Siberia involved in oil and gas exploration and development.

Francis Ng, BSc, earned a BArch degree from the Technical U of Nova Scotia and owns and operates the firm Francis Ng Architect in Edmonton.

Douglas Cox, BSc(Eng), has been

promoted to the position of president-Pacific region by Princeton Developments Ltd.

'84

Doreen Rockliff (Hudson), MSc, '81 BSc(HEC), is taking a leave from her position as chief of conservation at the Provincial Museum of Alberta to spend a year working in England. **David Beamish**, MSc, '78 BSc, '81 BSc(Eng), and **Karen Beamish (Kenny)**, '82 BEd, live in Mississauga, Ontario, where Karen teaches school and David is an engineer with Pratt & Whitney.

Lois Huscroft (McNeice), BSc, earned a BEd degree from UBC in 1991 and now lives in Creston and teaches in a nearby rural school.

Glen Scott, LLB, '81 BA, has accepted an associate position in the Edmonton law firm Brownlee Fryett.

Carolyn Visscher (Leffers), BEd, is a grade two teacher and music specialist at North Edmonton Christian School.

Morgan Baillargeon, BEd, recently began work as curator of plains ethnology at the Canadian Museum of Civilization, having completed an MA in traditional aboriginal art at Carleton U.

Warren Kindziarski, MSc, '89 PhD, of Edmonton now holds the position of senior environmental specialist working in UMA Engineering's



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Editor's Notes

■ In the Autumn 1991 issue, we reported the death of alumnus Paul Kenneth Rentiers, '66 MD. It now appears that the report of his death was a hoax. Although we have been unable to get direct confirmation from the graduate, it is our belief that the report was in error.

■ In Spring 1992 a report in "Class Notes" had Susan Michalicka '77 BA winning first place in the Toronto Star Short Story Contest. In fact she was winner of a "Judges' Choice" award. Unfortunately, we misinterpreted the newspaper clipping we received, and we apologize for any embarrassment.

Are You Unemployed?

Do you require assistance in making yourself more saleable in the competitive job market? If you do and you are a University of Alberta graduate, plan to attend one of the **Alumni Employment Workshops** scheduled for Thursday, 3 September 1992 on campus.

These workshops will be conducted by personnel from the University's Career and Placement Services and will cover the following areas:

Job Search and Resumé Workshop

9:00 a.m. to 12:00 noon

Learn how to do a self assessment and establish a skills inventory.

Learn about the different types of resumé and determine which one will work best for you.

Learn effective job search techniques.

Acquire skills to write effective covering letters.

Interview Skills Workshop

1:30 p.m. to 4:00 p.m.

Apply effective job interview skills.

Prepare for "typical" interview questions.

Cost for each workshop is \$10 or \$15 for both (please add 7% GST). If you are an unemployed alumnus looking for a part-time, full-time or career-related position, register (before 26 August) by contacting:

Office of Alumni Affairs
430 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
(Telephone 492-3224)

environmental services group.

'85

Bruno Larochelle, BSc, is a meteorologist at Environment Canada's Alberta Weather Centre.

LeeAnne Pawluski, BEd, '83 BSc, reports she is returning home after three "great years" teaching in Sapporo, Japan, and her replacement is U of A grad **Mark Matsune**, '86 BSc. She plans to be back in Edmonton by September - before that she will teach in Kiev for two months and travel.

Michael Lewis, BSc(Eng), and his wife and newborn son live in Nepean, Ontario, where Mark works for Bell Northern Research.

Mark Jones, BCom, earned an MBA from Harvard last spring and now works in the Boston headquarters of Bain & Company, an international corporate strategy consulting firm. After five daughters, he and his wife welcomed a son into the family in February.

Shirley Kachur (Gadzella), BA, of Surrey, B.C., and her husband have a business offering business analysis for large and small corporations.

Jacqueline McDonald, BA, completed a Master of Social Work degree at the U of Toronto and is now a social worker with the Metropolitan Toronto Homecare Program.

Russell Keating, BEd, and **Cather-**

ine Kotyk, '81 BEd, report that they eloped in Halifax last summer. Both teach in Edson, Alberta.

Peter MacLean, BEd, reports that his wife and two children are settling in as "mainlanders" now that he has accepted a teaching position at the Nova Scotia Community College in New Glasgow.

Kimberly Savard, BCom, works in the Stony Plain, Alberta office of Bruha, Whelan & Hawkings, Chartered Accountants.

James Letourneau, BSc, is the vice-president, regional studies for Hydro Petroleum Canada Ltd.

Jay Guthrie, LLB, '82 BCom, and **Wendy Rollins**, LLB, '80 BA, have become partners in the Alberta law firm Field & Field Perraton.

Bruce Hughson, LLB, '79 BA, '80 Cert(Arts), has become a partner in the Edmonton law firm Emery Jamieson.

'86

Colleen Munro, BSc(Ag), who earned a Carleton U journalism degree, is now the farm management editor with *The Western Producer*.

Marcia Gerrie, BEd, is substitute teaching in Surrey, B.C.

Heather-Ann Sobey-Basaraba, BEd, currently teaches grade three in Whitecourt, Alberta.

Pauline Duguay, BA, and her husband and two young sons live in Waterloo, Ontario, where she is a contract administrator with Manulife Financial.

Elaine Betchinski, MA, spent the first five weeks of 1992 travelling in Southeast Asia and says Southern Thailand (Krabi) has the most beautiful beaches in the world. Elaine is a community leisure coordinator with Edmonton Parks & Recreation.

Phillip Lupul, LLB, '83 BA, is a foreign service officer with Canada's external affairs department. He has spent the past few months in Ottawa studying French.

Carol Van Kuppeveld (Stevens), BA, is completing her after degree in education and hoping to win a teaching job somewhere.

Carol Ann Richmond, BSc, and **Kevin Inman**, '87 BSc, live in London, Ontario. Carol Ann is a registered technologist in cytogenetics.

Kevin, who has a master's degree in epidemiology, is a research assistant. **Patricia Redman**, BEd, and **Roger Redman**, '87 BEd, live in Edson, Alberta, where he teaches at Jubilee Junior High School.

Todd Wunderly, BSc(Eng), is a project engineer with the consulting firm Quantel Engineering. He is currently installing a SCADA computer system for Shell Oil in a small village a few miles south of the equator in Gabon, Africa.

Stephen Lelievre, BA(RecAdmin), is a program coordinator with the City of Hamilton Department of

culture and recreation.

Dana Dolsen, MSc, moved to Montana last July to become the department sociologist with the Montana Department of Fish Wildlife and Parks. "Montana is only the second state in the U.S. to create and fill such a position within the fish and wildlife field, so I feel fortunate indeed." Dana also does contractual consulting work and would be interested in hearing from other alumni who work in the natural resources management field.

Daniel Demers, BA, was recently recognized as Sales Representative of the Year for 1991 by Gray Beverage Inc. of Edmonton.

'87

Norah McRae, MBA, '83 BA, and her husband and baby daughter moved to Victoria, B.C. in January. She is the Arts cooperative education coordinator at the U of Victoria and will also instruct in the School of Business there.

Craig Taylor, MEd, and his family live in Kathmandu, Nepal as missionaries from the Presbyterian Church. He is head of Kathmandu International Study Centre, an expatriate secondary mission school.

Pearl Wierenga, BSc(Nu), has moved to Calgary to work as an educator with the Calgary Birth Control Association.

Glenn Kubish, BA, and **Shelagh Kubish** (McAnally), '85 BA, of Edmonton recently had their first child, a son.

Ivy Yip, BCom, who was a senior accountant with Price Waterhouse in Hong Kong, has accepted a new position as an internal auditor with the Hong Kong company Hutchison Whampoa Ltd.

Karen Lemiski, BA, has been living in Munich, Germany for the past two years. Currently the head of English-language publications for a German publishing company, she plans to commence a PhD program in the U.S. in 1993.

Nga Pham, BSc(Eng), now lives in Brossard, Quebec. She reports that she is married, has a good job and is happy.

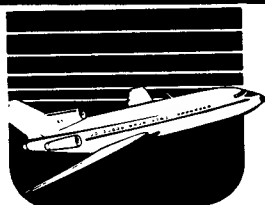
Carla Darling, BSc(Speech), is completing a master's degree in speech-language pathology at the U of Western Ontario.

Murray Sinal, BCom, reports that he is now an airline pilot flying the De Havilland Dash 8 out of Edmonton for Time Air. "Lovin' Every Minute!"

Kurt Gehmlich, BSc(Eng), and **Corinne Gehmlich**, BPE, live in Montreal. Kurt was recently hired as manager of the engineering department by Digital Alarm Technologies. Corinne is busy at home with their two young sons.

Sharron Thomson, BSc(Nu), '83 BSc, completed an MHSc degree at

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McMaster U and is a clinical nurse specialist/nurse practitioner at McMaster's Medical Centre.

James Cormack, MD, '85 BMS, is engaged in a cardiac anesthesia fellowship at Emory U School of Medicine in Atlanta, Georgia.

Busari Okoro, PhD, sends greetings from Nigeria, where he is director of sports for the Edo State Sports Council, having left his position as acting director of sports at the U of Benin. He reports that his family has recently increased with the birth of a boy.

Julia Froese (Susinski), BCom, is a program administrator at Mediation Services in Winnipeg.

Dale Flegel, BCom, works for Gardiner Karbani Audy & Partners in Edmonton. She recently received her CA designation.

'88

Magaret Deregt (Taylor), BEd, '87 BA, and husband recently returned from an eight-month holiday in the South Pacific – they were married in Brisbane, Australia. She is now substitute teaching in Edmonton.

Robert Allen, BSc(Eng), reports that he works in the manufacturing engineering department at Chrysler Canada's Windsor Plant #3, "Home of the Minivan."

James Litvak, BEd, and **Karen Litvak (Binassi), '90 BSc(Nu)**, live in Wetaskiwin, Alberta and work in Edmonton. Karen is a public health nurse at Eastwood Clinic. James teaches physical education at St. Dominic School.

Gilly Bankobeza, LLM, joined the United Nations Environment Program's Ozone Secretariat, headquartered in Nairobi, in January as a legal officer.

Roger Cutting, BCom, who is employed by Gardiner Karbani Audy & Partners in Edmonton, recently earned his CA designation.

'89

Trevor Fitzgerald, MSc, '86 BSc, has moved to Colorado, where he is a radiation therapy physicist with the Swedish Medical Center in Denver. **Marianne Huyer, MSc, '85 BSc**, finds time for whitewater and ocean kayaking and even some rock climbing while pursuing a PhD in biochemistry at UBC.

Matthew Townsend, BPE, has completed the second year of an MBA program at Wheeling Jesuit College, West Virginia, where he is also an assistant athletics coach.

John Hebron, PhD, is lab instructor for computer-aided instruction at the Department of Mathematics and Statistics at Simon Fraser U and the father of two young girls.

Gordon Fong, MSc, '86 BSc, after working as a computer programmer in Hong Kong for two years, is studying at Westminster Theological

Seminary in Philadelphia.

Richard Mallett, LLB, has accepted an associate position with the law firm Brownlee Fryett in Edmonton. **Mary Henderson, LLB, '86 BA**, recently joined the Alberta law firm Cook Duke Cox.

Michael Kalantar, BSc, who is in his third year of PhD studies at Cornell U, was married in a Bahá'i ceremony in Toronto in February. **Michael Martin, MA, '84 BA**, is an analyst with Statistics Canada's Canadian Centre for Justice Statistics, Ottawa.

Lorrinda Loshny (Wiberg), Dip(Ed), '84 BEd, and her husband and two young daughters live in Bashaw, Alberta. She is currently employed with Red Deer College's Preparatory Program.

Lori Walsh, BPE, is activity director at Pioneer Lodge in Lloydminster, Alberta. Having been certified in massage therapy, she works at that part time.

Monica Kilil, BA(RecAdmin), has left her job at the Banff Centre for Continuing Education's recreation facility to travel "indefinitely" in East Africa and then Australia.

Swati Patel, BSc(HEC), is an instructor in the dental programs division at the Saskatchewan Institute of Applied Science and Technology. **Vaughn Beakhouse, BCom**, who received his professional training at Peat Marwick Thorne, Edmonton, is the recipient of the second annual Norman Wildgoose Award. The award is bestowed by the Chartered Accountants of Alberta upon a new Edmonton CA recognizing professional excellence and community service.

Trevor Smereka, BCom, of Doane Raymond Pannell in Edmonton, recently received the silver medal of the Chartered Accountants of Alberta as one of Alberta's top three achievers on the national CA Uniform Final Examination.

'90

Randal Thompson, BA, is executive assistant to the minister in the Alberta department of technology, research and telecommunications.

Victoria Archer, LLB, '75 BA, has joined Gledhill Reid, Barristers & Solicitors in the practice of law.

Robert Reynolds, LLB, and **Barbara Billingsley, LLB, '87 BA**, have joined the Edmonton law firm Brownlee Fryett as associates.

Tanya Stewart, BA, completed a master's degree in English at the U of Western Ontario in 1991 and is now working in Edmonton.

Karin Holst, Mag, '75 BSc(HEC), is manager of family and community support services for the City of Spruce Grove, Alberta.

Marcela Matthew, BA, is a case manager for the Workers' Compensation Board in Edmonton. **Anna Pickett, BA(RecAdmin)**, has been director of the Prince George, B.C. art gallery since July 1991.

Thomas Maykut, BCom, and **Sean Sunderland, '91 BA**, set out last year on an epic bicycle journey. They left Edmonton at the beginning of September bound – in no particular hurry – for Central America.

Christine Moore (Weaver), BPE, who was married last year, is working as the technical director of Ringette Alberta.

Richard Routledge, BSc(HEC), was married in August 1990 and two days later began his present job in Edmonton as an employment counsellor at Employment Services for the Physically Disabled.

Alfred Wong, DDS, '86 BSc, was recently married and lives in North Vancouver, where he has his dental practice.

Donna Ewanowich, BSc(Nu), is currently nursing at Charity Hospital in New Orleans.

William Barclay, LLB, '87 BA, and

Tanya Melnyk, LLB, '87 BCom, are now associates with the Edmonton law firm Reynolds, Mirth, Richards & Farmer.

Shelley Brown, LLB, is an associate with the Edmonton law firm Rowand, Lopatka and Savich.

'91

Tezin Jaffer, DDS, '90 BSc(Dent), recently became associated with Dr. Mary Ann Sturm of Edmonton in the practice of dentistry.

Allison Lambert, BA, is working to save money to begin an after-degree BEd at Faculté Saint-Jean.

Rosabel Fast, MEd, is beginning a two-year Mennonite Central Committee assignment in Cuauhtemec, Mexico as an education promoter with Kanadier Concerns.

Donna Beaudin, MA, '89 BA, is pursuing a doctoral degree in history at the U of Guelph.

Jamie Flegel, BSc(Nu), is working in pediatrics at the U of Texas Medical Branch, Galveston.

Donna Murchie, BEd, '85 BA, is a teacher and guidance counsellor for six schools in the County of Two Hills, Alberta.

Denise McNeil, BPE, works as a computer operator and has her own business as a fitness consultant in Edmonton.

Mark Enright, BSc, recently started working for BNR in Ottawa as a software developer working on the DMS operating system.



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